



Enero 2012

## Listados de Medicamentos Huérfanos en Europa

Con designación huérfana en Europa y autorización de comercialización europea\*

Con autorización de comercialización europea\*, sin previa designación huérfana  
en Europa

*\*Autorización de comercialización de la Comunidad Europea mediante el procedimiento centralizado*

[www.orphanet.es](http://www.orphanet.es)



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## Metodología

Este documento proporciona un listado de todos los medicamentos huérfanos que, hasta la fecha indicada en el documento, han recibido una autorización de comercialización (AC) europea. Estos productos sanitarios pueden ser a partir de ahora accesibles en algunos países europeos, aunque no necesariamente en todos. En realidad, la disponibilidad de un medicamento huérfano concreto en un determinado país depende de la estrategia del laboratorio y de la decisión tomada por parte de las autoridades sanitarias nacionales respecto al reembolso.

### Listado de medicamentos huérfanos en Europa con designación huérfana europea y autorización de comercialización europea.

En sentido estricto, los medicamentos huérfanos en Europa son aquellos fármacos a los que se les ha concedido una designación huérfana europea (de acuerdo con la regulación (EC) No 141/2000), y a los que se les ha concedido también una autorización de comercialización europea y una evaluación positiva con un beneficio significativo.

Este listado se obtiene cruzando el listado de productos sanitarios que han recibido una designación huérfana (<http://ec.europa.eu/health/documents/community-register/html/alforphreg.htm>) con el listado de productos sanitarios que han recibido una autorización de comercialización (<http://ec.europa.eu/health/documents/community-register/html/alfregister.htm>).

Ambos listados están disponibles en el sitio web de la Dirección General de Sanidad y Consumo (DG Sanco) de la Comisión Europea.

El listado de medicamentos está ordenado alfabéticamente por nombre comercial.

La información que se proporciona incluye el nombre comercial, el nombre de la sustancia activa, la indicación de la autorización de comercialización (AC), y el titular y la fecha de la AC.

Para permitir una búsqueda multi-criterio, se proponen tres listados adicionales, clasificados :

- por fecha de la AC en orden descendiente.
- por categoría ATC
- por el titular de la AC

### Listado de medicamentos huérfanos en Europa con autorización de comercialización europea, sin previa designación huérfana en Europa.

En sentido amplio, la denominación “medicamentos huérfanos” se usa para productos sanitarios a los que se les ha concedido una autorización de comercialización europea, pero que no han recibido una designación huérfana europea o cuya designación ha sido retirada. A estos fármacos se les puede haber concedido, o no, una designación huérfana en otras áreas geográficas del mundo.


En todos los casos, se les ha concedido una autorización de comercialización europea para una o más indicaciones de uso para una enfermedad rara, y aparecen en el listado de fármacos de la Dirección General de Sanidad y Consumo de la Comisión Europea a los que se les ha concedido una autorización de comercialización : <http://ec.europa.eu/health/documents/community-register/html/alfregister.htm>

El listado de medicamentos está ordenado alfabéticamente por nombre comercial.

La información que se proporciona incluye el nombre comercial, el nombre de la sustancia activa, la enfermedad rara para la que la autorización de comercialización (AC) está indicada, y el titular y la fecha de la AC.

Para permitir una búsqueda multi-criterio, se proponen tres listados adicionales, clasificados :

- por fecha de la AC en orden descendiente.
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- por el titular de la AC

Existe información adicional de cada producto en la pestaña “Medicamentos huérfanos” del sitio web de Orphanet [www.orphanet.es](http://www.orphanet.es) o en el sitio web de la Agencia Europea de Medicamentos (EMA) <http://www.ema.europa.eu>. El listado de la EMA cubre todos los productos sanitarios autorizados en el mercado, no únicamente los medicamentos huérfanos. Los medicamentos huérfanos con designación huérfana europea están indicados con el logo .

La información está disponible en 22 lenguas europeas.

Para cualquier pregunta o comentario, por favor contacte con: [contact.orphanet@inserm.fr](mailto:contact.orphanet@inserm.fr)

## Listado de medicamentos huérfanos en Europa con designación huérfana europea y autorización de comercialización europea

### 1- Por nombre comercial en orden alfabético

NOMBRE COMERCIAL	SUSTANCIA ACTIVA	INDICACIÓN DE LA AUTORIZACIÓN DE COMERCIALIZACIÓN (AC)	FECHA DE LA AC (DD/MM/AAAA)	TITULAR DE LA AC
AFINITOR	Everolimus (INN)	Este producto recibió la designación de medicamento huérfano el 5 de Junio del 2007. Como consecuencia de la petición presentada por el titular de la autorización de comercialización, el Afinitor ha sido excluido del registro comunitario de medicamentos huérfanos. Cf. «Listado de medicamentos huérfanos en Europa con autorización de comercialización europea, sin previa designación huérfana en Europa.»		
ALDURAZYME	Laronidase (INN)	Long-term enzyme replacement therapy in patients with a confirmed diagnosis of <b>Mucopolysaccharidosis I</b> (MPS I; a [alpha]-L-iduronidase deficiency) to treat the non-neurological manifestations of the disease	10/06/2003	Genzyme Europe B.V.
ARZERRA	Ofatumumab (INN)	Treatment of <b>chronic lymphocytic leukaemia</b> (CLL) in patients who are refractory to fludarabine and alemtuzumab	19/04/2010	Glaxo Group Ltd
ATRIANCE	Nelarabine (INN)	Treatment of patients with <b>T-cell acute lymphoblastic leukaemia</b> (T-ALL) and <b>T-cell lymphoblastic lymphoma</b> (T-LBL) whose disease has not responded to or has relapsed following treatment with at least two chemotherapy regimens	22/08/2007	Glaxo Group Ltd
BUSILVEX	Busulfan (INN) (Intravenous use)	Followed by cyclophosphamide (BuCy2) is indicated as conditioning treatment prior to conventional <b>haematopoietic progenitor cell transplantation</b> (HPCT) in adult patients when the combination is considered the best available option Followed by cyclophosphamide (BuCy4) or melphalan (BuMel) is indicated as conditioning treatment prior to conventional haematopoietic progenitor cell transplantation in paediatric patients	09/07/2003	Pierre Fabre Médicament
CARBAGLU	Carglumic acid (INN)	Treatment of <b>hyperammonaemia</b> due to <b>N-acetylglutamate synthase primary deficiency</b> , hyperammonaemia due to <b>isovaleric acidaemia</b> , hyperammonaemia due to <b>methymalonic acidaemia</b> , hyperammonaemia due to <b>propionic acidaemia</b>	24/01/2003	Orphan Europe S.a.r.l.
CAYSTON	Aztreonam (INN)	Suppressive therapy of chronic pulmonary infections due to <i>Pseudomonas aeruginosa</i> in patients with <b>cystic fibrosis</b> (CF) aged 18 years and older	21/09/2009	Gilead Sciences International Limited
CEPLENE	Histamine dihydrochloride	Treatment of adult patients with <b>acute myeloid leukaemia</b> in first remission concomitantly treated with interleukin-2 (IL-2)	07/10/2008	EpiCept GmbH

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CYSTADANE	Betaine anhydrous (INN)	Adjunctive treatment of <b>homocystinuria</b> , involving deficiencies or defects in cystathionine beta-synthase (CBS), 5,10-methylene-tetrahydrofolate reductase (MTHFR), cobalamin cofactor metabolism (cbl). Cystadane should be used as supplement to other therapies such as vitamin B6 (pyridoxine), vitamin B12 (cobalamin), folate and a specific diet	15/02/2007	Orphan Europe S.a.r.l.
DIACOMIT	Stiripentol (INN)	Use in conjunction with clobazam and valproate as adjunctive therapy of refractory generalized tonic-clonic seizures in patients with <b>severe myoclonic epilepsy in infancy</b> (SMEI, Dravet's syndrome) whose seizures are not adequately controlled with clobazam and valproate	04/01/2007	Biocodex
ELAPRASE	Idursulfase (INN)	Long-term treatment of patients with <b>Hunter syndrome</b> (Mucopolysaccharidosis II, MPS II)	08/01/2007	Shire Human Genetic Therapies AB
ESBRIET	Pirfenidone	In adults for the treatment of mild to moderate <b>Idiopathic Pulmonary Fibrosis</b> (IPF)	28/02/2011	InterMune UK Ltd.
EVOLTRA	Clofarabine (INN)	Treatment of <b>acute lymphoblastic leukaemia</b> (ALL) in paediatric patients who have relapsed or are refractory after receiving at least two prior regimens and where there is no other treatment option anticipated to result in a durable response	29/05/2006	Genzyme Europe B.V.
EXJADE	Deferasirox (INN)	Treatment of chronic iron overload due to frequent blood transfusions ( $\geq 7$ ml/kg/month of packed red blood cells) in patients with <b>beta thalassaemia major</b> aged 6 years and older. Treatment of <b>chronic iron overload</b> due to blood transfusions when deferoxamine therapy is contraindicated or inadequate in the following patient groups : in patients with other anaemias, in patients aged 2 to 5 years, in patients with beta thalassaemia major with iron overload due to infrequent blood transfusions ( $<7$ ml/kg/month of packed red blood cells)	28/08/2006	Novartis Europharm Ltd
FABRAZYME	Recombinant human alpha-galactosidase A INN = Agalsidase beta	Long-term enzyme replacement therapy in patients with a confirmed diagnosis of <b>Fabry disease</b> (alpha-galactosidase A deficiency)	03/08/2001	Genzyme Europe B.V.
FIRAZYR	Icatibant acetate INN = Icatibant	Symptomatic treatment of acute attacks of <b>hereditary angioedema</b> (HAE) in adults (with C1-esterase-inhibitor deficiency)	11/07/2008	Shire Orphan Therapies GmbH
FIRDAPSE (ex-ZENAS)	Amifampridine (INN)	Symptomatic treatment of <b>Lambert-Eaton myasthenic syndrome</b> (LEMS) in adults	23/12/2009	Biomarin Europe Ltd
GLIOLAN	5-aminolevulinic acid hydrochloride (INN)	Visualisation of malignant tissue during surgery for <b>malignant glioma</b> (WHO grade III and IV)	07/09/2007	Medac GmbH

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GLIVEC	Imatinib mesilate (INN)	<p>Treatment of :</p> <ul style="list-style-type: none"> <li>- adult and paediatric patients with newly diagnosed Philadelphia chromosome (bcr-abl) positive (Ph+) <b>chronic myeloid leukaemia</b> (CML) for whom bone marrow transplantation is not considered as the first line of treatment</li> <li>- adult and paediatric patients with Ph+ CML in chronic phase after failure of interferon-alpha therapy, or in accelerated phase or blast crisis</li> <li>- adult patients with newly diagnosed Philadelphia chromosome positive <b>acute lymphoblastic leukaemia</b> (Ph+ ALL) integrated with chemotherapy</li> <li>- adult patients with relapsed or refractory Ph+ ALL as monotherapy</li> <li>- adult patients with <b>myelodysplastic/myeloproliferative diseases</b> (MDS/MPD) associated with platelet-derived growth factor receptor (PDGFR) gene re-arrangements</li> <li>- adult patients with advanced <b>hypereosinophilic syndrome</b> (HES) and/or <b>chronic eosinophilic leukaemia</b> (CEL) with FIP1L1-PDGFR<math>\alpha</math> rearrangement</li> <li>- adult patients with Kit (CD 117) positive unresectable and/or metastatic malignant <b>gastrointestinal stromal tumours</b> (GIST)</li> <li>- adjuvant treatment of adult patients who are at significant risk of relapse following resection of Kit (CD117)-positive <b>GIST</b>. Patients who have a low or very low risk of recurrence should not receive adjuvant treatment</li> <li>- adult patients with unresectable <b>dermatofibrosarcoma protuberans</b> (DFSP) and adult patients with recurrent and/or metastatic DFSP who are not eligible for surgery</li> </ul>	07/11/2001	Novartis Europharm Ltd
ILARIS	Canakinumab (INN)	Este producto recibió la designación de medicamento huérfano el 20 de Marzo del 2007. Como consecuencia de la petición presentada por el titular de la autorización de comercialización, el Ilaris ha sido excluido del registro comunitario de medicamentos huérfanos. Cf. «Listado de medicamentos huérfanos en Europa con autorización de comercialización europea, sin previa designación huérfana en Europa.»		
INCRELEX	Mecasermin (INN)	Long-term treatment of <b>growth failure</b> in children and adolescents with severe <b>primary insulin-like growth factor 1 deficiency</b> (Primary IGFD)	03/08/2007	Ipsen Pharma
INOVELON	Rufinamide (INN)	Adjunctive therapy in the treatment of seizures associated with <b>Lennox Gastaut syndrome</b> in patients aged 4 years and older	16/01/2007	Eisai Ltd
KUVAN	Sapropterin dihydrochloride INN = Sapropterin	<p>Treatment of hyperphenylalaninaemia (HPA) in adult and paediatric patients of 4 years of age and over with <b>phenylketonuria</b> (PKU) who have been shown to be responsive to such treatment</p> <p>Treatment of hyperphenylalaninaemia (HPA) in adult and paediatric patients with <b>tetrahydrobiopterin (BH4) deficiency</b> who have been shown to be responsive to such treatment</p>	02/12/2008	Merck Serono Europe Ltd

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LITAK	Cladribine (INN) (subcutaneous use)	Treatment of <b>hairy cell leukaemia</b>	14/04/2004	Lipomed GmbH
LYSODREN	Mitotane (INN)	Symptomatic treatment of advanced (unresectable, metastatic or relapsed) <b>adrenal cortical carcinoma</b>	28/04/2004	Laboratoire HRA Pharma
MEPACT	Mifamurtide (INN)	In children, adolescents and young adults for the treatment of high-grade resectable non-metastatic <b>osteosarcoma</b> after macroscopically complete surgical resection. It is used in combination with post-operative multi-agent chemotherapy	06/03/2009	IDM Pharma SAS
MOZOBIL	Plerixafor (INN)	In combination with G-CSF to enhance mobilisation of <b>haematopoietic stem cells</b> to the peripheral blood for collection and subsequent <b>autologous transplantation</b> in patients with <b>lymphoma</b> and <b>multiple myeloma</b> whose cells mobilise poorly	31/07/2009	Genzyme Europe B.V.
MYOZYME	Recombinant human acid alpha-glucosidase INN = Alglucosidase alpha	Long-term enzyme replacement therapy (ERT) in patients with a confirmed diagnosis of <b>Pompe disease</b> (acid $\alpha$ -glucosidase deficiency)	29/03/2006	Genzyme Europe B.V.
NAGLAZYME	N-acetylgalactosamine 4-sulfatase INN = Galsulfase	Long-term enzyme replacement therapy in patients with a confirmed diagnosis of <b>Mucopolysaccharidosis VI</b> (MPS VI; N-acetylgalactosamine 4-sulfatase deficiency; Maroteaux-Lamy syndrome)	24/01/2006	BioMarin Europe Ltd
NEXAVAR	Sorafenib tosylate Sorafenib (INN)	Treatment of <b>hepatocellular carcinoma</b> Treatment of patients with advanced <b>renal cell carcinoma</b> who have failed prior interferon-alpha or interleukin-2 based therapy or are considered unsuitable for such therapy	19/07/2006	Bayer Pharma AG
NPLATE	Romiplostim (INN)	Adult chronic <b>immune (idiopathic) thrombocytopenic purpura</b> (ITP) in splenectomised patients who are refractory to other treatments (e.g. corticosteroids, immunoglobulins). Nplate may be considered as second line treatment for adult non-splenectomised patients where surgery is contra-indicated	04/02/2009	Amgen Europe B.V.
ONSENAL	Celecoxib (INN)	Reduction of the number of adenomatous intestinal polyps in <b>familial adenomatous polyposis (FAP)</b> , as an adjunct to surgery and further endoscopic surveillance <b>This medicine is now withdrawn from use in the European Union, more information on: <a href="http://www.ema.europa.eu">www.ema.europa.eu</a></b>	17/10/2003	Pfizer Ltd
ORFADIN	Nitisinone (INN)	Treatment of patients with confirmed diagnosis of <b>hereditary tyrosinemia type 1</b> (HT-1) in combination with dietary restriction of tyrosine and phenylalanine	21/02/2005	Swedish Orphan Biovitrum International AB

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PEDEA	Ibuprofen (INN)	Treatment of a haemodynamically significant <b>patent ductus arteriosus</b> in preterm newborn infants less than 34 weeks of gestational age	29/07/2004	Orphan Europe S.a.r.l.
PEYONA (ex-NYMUSA)	Caffeine citrate	Treatment of <b>primary apnea</b> of premature newborns	02/07/2009	Chiesi Farmaceutici SpA
PHOTOBARR	Porfimer sodium (INN) (for use with photodynamic therapy)	Ablation of high-grade dysplasia (HGD) in patients with <b>Barrett's Oesophagus</b>	25/03/2004	Pinnacle Biologics B.V.
PLENADREN	Hydrocortisone	Treatment of <b>adrenal insufficiency</b> in adults.	03/11/2011	DuoCort Pharma AB
PRIALT	Ziconotide (INN) (intraspinal use)	Treatment of severe, <b>chronic pain</b> in patients who require <b>intrathecal (IT) analgesia</b>	21/02/2005	Eisai Ltd
REPLAGAL	Agalsidase alfa (INN)	Long-term enzyme replacement therapy in patients with a confirmed diagnosis of <b>Fabry Disease</b> (alpha-galactosidase A deficiency)	03/08/2001	Shire Human Genetic Therapies AB
REVATIO	Sildenafil citrate INN = Sildenafil	Treatment of adult patients with <b>pulmonary arterial hypertension</b> classified as WHO functional class II and III, to improve exercise capacity. Efficacy has been shown in primary pulmonary hypertension and pulmonary hypertension associated with connective tissue disease. Treatment of paediatric patients aged 1 year to 17 years old with pulmonary arterial hypertension. Efficacy in terms of improvement of exercise capacity or pulmonary haemodynamics has been shown in primary pulmonary hypertension and pulmonary hypertension associated with congenital heart disease. Revatio solution for injection is for the treatment of adult patients with pulmonary arterial hypertension who are currently prescribed oral Revatio and who are temporarily unable to take oral therapy, but are otherwise clinically and haemodynamically stable. Revatio (oral) is indicated for treatment of adult patients with pulmonary arterial hypertension classified as WHO functional class II and III, to improve exercise capacity. Efficacy has been shown in primary pulmonary hypertension and pulmonary hypertension associated with connective tissue disease	28/10/2005	Pfizer Ltd
REVLIMID	Lenalidomide (INN)	In combination with dexamethasone, treatment of <b>multiple myeloma</b> patients who have received at least one prior therapy	14/06/2007	Celgene Europe Ltd
REVOLADE	Eltrombopag (INN)	For adult chronic <b>immune (idiopathic) thrombocytopenic purpura (ITP)</b> splenectomised patients who are refractory to other treatments (e.g. corticosteroids, immunoglobulins). Revolade may be considered as second line treatment for adult non-splenectomised patients where surgery is contraindicated	11/03/2010	Glaxo-SmithKline Trading Services Limited

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RILONACEPT REGENERON (ex-ARCALYST)	Rilonacept (INN)	Treatment of <b>Cryopyrin-Associated Periodic Syndromes</b> (CAPS) with severe symptoms, including <b>Familial Cold Autoinflammatory Syndrome</b> (FCAS) and <b>Muckle-Wells Syndrome</b> (MWS), in adults and children aged 12 years and older	23/10/2009	Regeneron UK Limited
SAVENE	Dexrazoxane (INN)	Treatment of <b>anthracycline extravasation</b>	28/07/2006	SpePharm Holding BV
SIKLOS	Hydroxycarbamide (INN)	Prevention of recurrent painful vaso-occlusive crises including acute chest syndrome in paediatric and adult patients suffering from symptomatic <b>Sickle Cell Syndrome</b>	29/06/2007	Addmedica
SOLIRIS	Eculizumab (INN)	Treatment of patients with: - <b>Paroxysmal nocturnal haemoglobinuria</b> (PNH). Evidence of clinical benefit of Soliris in the treatment of patients with PNH is limited to patients with history of transfusions. - <b>Atypical haemolytic uremic syndrome</b> (aHUS).	20/06/2007	Alexion Europe SAS
SOMAVERT	Pegvisomant (INN)	Treatment of patients with <b>acromegaly</b> who have had an inadequate response to surgery and/or radiation therapy and in whom an appropriate medical treatment with somatostatin analogues did not normalize IGF-I concentrations or was not tolerated	13/11/2002	Pfizer Ltd
SPRYCEL	Dasatinib (INN)	Treatment of adult patients with: - newly diagnosed Philadelphia chromosome positive (Ph+) <b>chronic myelogenous leukaemia</b> (CML) in the chronic phase. - chronic, accelerated or blast phase CML with resistance or intolerance to prior therapy including imatinib mesilate. - Ph+ <b>acute lymphoblastic leukaemia</b> (ALL) and lymphoid blast CML with resistance or intolerance to prior therapy.	20/11/2006	Bristol-Myers Squibb Pharma EEIG
SUTENT	Sunitinib malate Sunitinib (INN)	Este producto recibió la designación de medicamento huérfano el 10 de Marzo del 2005. Como consecuencia de la petición presentada por el titular de la autorización de comercialización, el Sutent ha sido excluido del registro comunitario de medicamentos huérfanos. Cf. «Listado de medicamentos huérfanos en Europa con autorización de comercialización europea, sin previa designación huérfana en Europa.»		
TASIGNA	Nilotinib (INN)	150 mg: Treatment of adult patients with newly diagnosed Philadelphia chromosome positive <b>chronic myelogenous leukaemia</b> (CML) in the chronic phase. 200 mg: Treatment of adult patients with: - newly diagnosed Philadelphia chromosome positive chronic myelogenous leukaemia (CML) in the chronic phase - chronic phase and accelerated phase Philadelphia chromosome positive chronic myelogenous leukaemia (CML) with resistance or intolerance to prior therapy including imatinib. Efficacy data in patients with CML in blast crisis are not available.	19/11/2007	Novartis Europharm Ltd

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TEPADINA	Thiotepa (INN)	In combination with other chemotherapy medicinal products: 1) with or without total body irradiation (TBI), as conditioning treatment prior to <b>allogeneic or autologous haematopoietic progenitor cell transplantation</b> (HPCT) in haematological diseases in adult and paediatric patients; 2) when high dose chemotherapy with HPCT support is appropriate for the treatment of solid tumours in adult and paediatric patients. It is proposed that Tepadina must be prescribed by physicians experienced in conditioning treatment prior to haematopoietic progenitor cell transplantation.	15/03/2010	Adienne S.r.l.
THALIDOMIDE CELGENE	Thalidomide (INN)	In combination with melphalan and prednisone as first line treatment of patients with untreated <b>multiple myeloma</b> , aged $\geq$ 65 years or ineligible for high dose chemotherapy	16/04/2008	Celgene Europe Ltd
THELIN	Sitaxentan sodium (INN)	Treatment of patients with <b>pulmonary arterial hypertension</b> classified as WHO functional class III, to improve exercise capacity. Efficacy has been shown in primary pulmonary hypertension and in pulmonary hypertension associated with connective tissue disease. <b><i>This medicine is now withdrawn from use in the European Union, more information on:</i></b> <a href="http://www.ema.europa.eu">www.ema.europa.eu</a>	10/08/2006	Pfizer Ltd
TOBI PODHALER	Tobramycin	Suppressive therapy of chronic pulmonary infection due to <b>Pseudomonas aeruginosa</b> in adults and children aged 6 years and older with <b>cystic fibrosis</b>	20/07/2011	Novartis Europharm Limited
TORISEL	Temsirolimus (INN)	First-line treatment of patients with advanced <b>renal cell carcinoma</b> who have at least three of six prognostic risk factors Treatment of adult patients with relapsed and/or refractory <b>mantle cell lymphoma</b> (MCL)	19/11/2007	Pfizer Limited
TRACLEER	Bosentan monohydrate INN = Bosentan	Treatment of <b>pulmonary arterial hypertension</b> (PAH) to improve exercise capacity and symptoms in patients with WHO functional class III. Efficacy has been shown in: Primary (idiopathic and familial) PAH, PAH secondary to scleroderma without significant interstitial pulmonary disease, PAH associated with congenital systemic-to-pulmonary shunts and Eisenmenger's physiology. Some improvements have also been shown in patients with PAH WHO functional class II. To reduce the number of new digital ulcers in patients with <b>systemic sclerosis</b> and ongoing digital ulcer disease	15/05/2002	Actelion Registration Ltd

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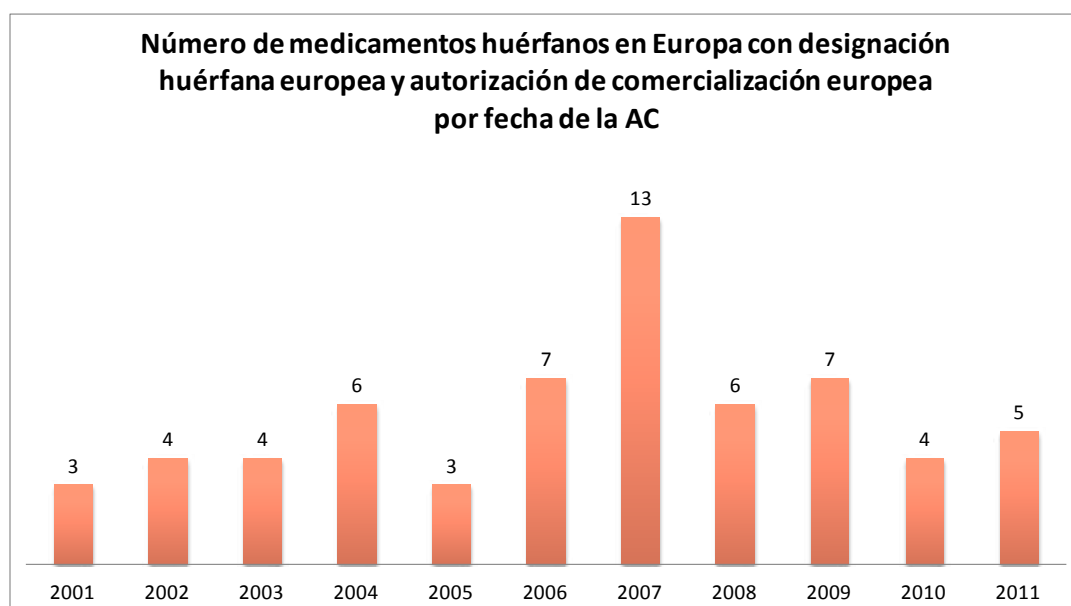
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TRISENOX	Arsenic Trioxide (INN)	Induction of remission and consolidation in adult patients with relapsed/refractory <b>acute promyelocytic leukaemia</b> (APL), characterised by the presence of the t(15;17) translocation and/or the presence of the Pro-Myelocytic Leukaemia/Retinoic-Acid Receptor-alpha (PML/RAR-alpha) gene. Previous treatment should have included a retinoid and chemotherapy	05/03/2002	Cephalon Europe
VENTAVIS	Iloprost (INN)	Treatment of patients with <b>primary pulmonary hypertension</b> , classified as NYHA functional class III, to improve exercise capacity and symptoms	16/09/2003	Bayer Schering Pharma AG
VIDAZA	Azacitidine (INN)	Treatment of adult patients who are not eligible for haematopoietic stem cell transplantation with: -intermediate 2 and high risk <b>myelodysplastic syndromes</b> (MDS) according to the International Prognostic Scoring System (IPSS) - <b>chronic myelomonocytic leukaemia</b> (CMML) with 10-29 % marrow blasts without myeloproliferative disorder - <b>acute myeloid leukaemia</b> (AML) with 20-30 % blasts and multi-lineage dysplasia, according to World Health Organisation (WHO) classification	17/12/2008	Celgene Europe Ltd
VOLIBRIS	Ambrisentan (INN)	Treatment of patients with <b>pulmonary arterial hypertension</b> (PAH) classified as WHO functional class II and III, to improve exercise capacity. Efficacy has been shown in idiopathic PAH (IPAH) and in PAH associated with connective tissue disease	21/04/2008	Glaxo Group Ltd
VOTUBIA	Everolimus	Treatment of patients aged 3 years and older with <b>subependymal giant cell astrocytoma</b> (SEGA) associated with <b>tuberous sclerosis complex</b> (TSC) who require therapeutic intervention but are not amenable to surgery. The evidence is based on analysis of change in SEGA volume. Further clinical benefit, such as improvement in disease-related symptoms, has not been demonstrated.	02/09/2011	Novartis Europharm Ltd
VPRIV	Velaglucerase alfa	Long-term enzyme replacement therapy (ERT) in patients with <b>type 1 Gaucher disease</b>	26/08/2010	Shire Pharmaceuticals Ireland Ltd
VYENDAQEL	Tafamidis	Treatment of <b>transthyretin amyloidosis</b> in adult patients with stage 1 symptomatic polyneuropathy to delay peripheral neurologic impairment.	16/11/2011	Pfizer Specialty UK Ltd
WILZIN	Zinc acetate dihydrate (INN)	Treatment of <b>Wilson's disease</b>	13/10/2004	Orphan Europe S.a.r.l.
XAGRID	Anagrelide hydrochloride INN = Anagrelide	Reduction of elevated platelet counts in at risk <b>essential thrombocythaemia</b> patients who are intolerant to their current therapy or whose elevated platelet counts are not reduced to an acceptable level by their current therapy	16/11/2004	Shire Pharmaceutical Contracts Ltd

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NOMBRE COMERCIAL	SUSTANCIA ACTIVA	INDICACIÓN DE LA AUTORIZACIÓN DE COMERCIALIZACIÓN (AC)	FECHA DE LA AC (DD/MM/AAAA)	TITULAR DE LA AC
XYREM	Sodium oxybate (INN)	Este producto recibió la designación de medicamento huérfano el 3 de Febrero del 2003. Como consecuencia de la petición presentada por el titular de la autorización de comercialización, el Xyrem ha sido excluido del registro comunitario de medicamentos huérfanos. Cf. «Listado de medicamentos huérfanos en Europa con autorización de comercialización europea, sin previa designación huérfana en Europa.»		
YONDELIS	Trabectedin (INN)	Treatment of patients with advanced <b>soft tissue sarcoma</b> , after failure of anthracyclines and ifosfamide, or who are unsuited to receive these agents. Efficacy data are based mainly on <b>liposarcoma</b> and <b>leiomyosarcoma</b> patients In combination with pegylated liposomal doxorubicin (PLD), treatment of patients with relapsed platinum-sensitive <b>ovarian cancer</b>	17/09/2007	Pharma Mar S.A.
ZAVESCA	Miglustat (INN)	Oral treatment of mild to moderate <b>type 1 Gaucher disease</b> in patients for whom enzyme replacement therapy is unsuitable Treatment of progressive neurological manifestations in adult patients and paediatric patients with <b>Niemann-Pick type C disease</b>	20/11/2002	Actelion Registration Ltd

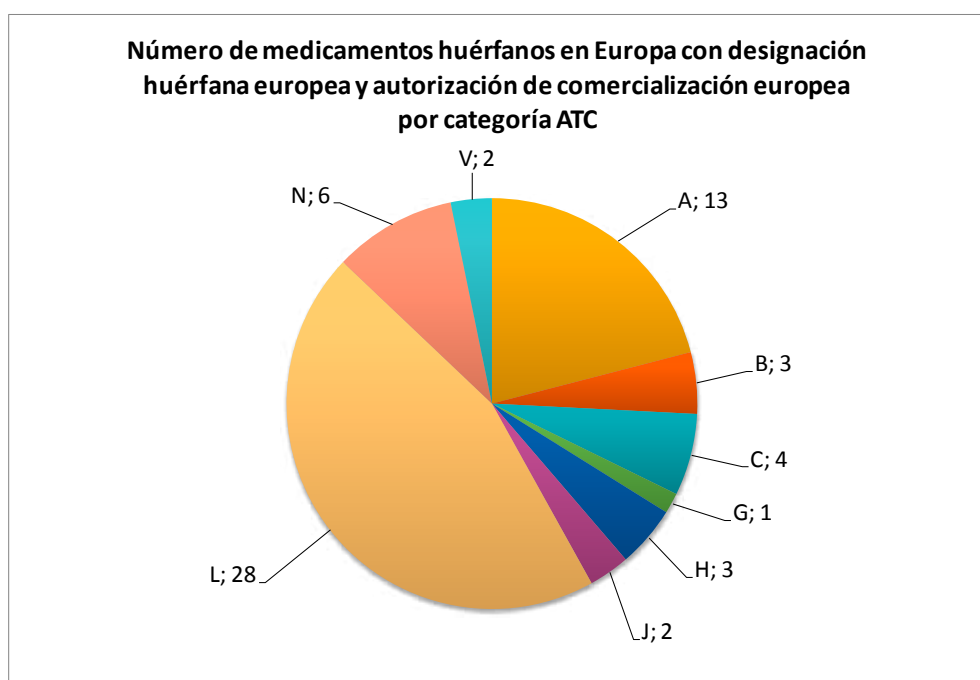
2- Por fecha de la AC en orden descendiente

2011	2008	2006	2003
ESBRIET	CEPLENE	EVOLTRA	ALDURAZYME
PLENADREN	FIRAZYR	EXJADE	BUSILVEX
TOBI PODHALER	KUVAN	MYOZYME	CARBAGLU
VOTUBIA	THALIDOMIDE CELGENE	NAGLAZYME	VENTAVIS
VYNDAQEL	VIDAZA	NEXAVAR	<b>2002</b>
<b>2010</b>	VOLIBRIS	SAVENE	SOMAVERT
ARZERRA	<b>2007</b>	SPRYCEL	TRACLEER
REVOLADE	ATRIANCE	<b>2005</b>	TRISENOX
TEPADINA	CYSTADANE	ORFADIN	ZAVESCA
VPRIV	DIACOMIT	PRIALT	<b>2001</b>
<b>2009</b>	ELAPRASE	REVATIO	FABRAZYME
CAYSTON	GLIOLAN	<b>2004</b>	GLIVEC
FIRDAPSE (ex-ZENAS)	INCRELEX	LITAK	REPLAGAL
MEPACT	INOVELON	LYSODREN	
MOZOBIL	REVLIMID	PEDEA	
NPLATE	SIKLOS	PHOTOBARR	
PEYONA (ex-NYMUSA)	SOLIRIS	WILZIN	
RILONACEPT REGEN- ERON (ex-ARCALYST)	TASIGNA	XAGRID	
	TORISEL		
	YONDELIS		



### 3- Por categoría ATC

<b>A- SISTEMA DIGESTIVO Y METABOLISMO</b>	<b>C- SISTEMA CARDIOVASCULAR</b>	<b>L- ANTINEOPLÁSICOS Y AGENTES INMUNOMODULADORES</b>	TASIGNA
ALDURAZYME	FIRAZYR	ARZERRA	TEPADINA
CARBAGLU	PEDEA	ATRIANCE	THALIDOMIDE CELGENE
CYSTADANE	TRACLEER	BUSILVEX	TORISEL
ELAPRASE	VOLIBRIS	CEPLENE	TRISENOX
FABRAZYME	<b>G- SISTEMA GENITOURINARIO Y HORMONAS SEXUALES</b>	ESBRIET	VIDAZA
KUVAN	REVATIO	EVOLTRA	VOTUBIA
MYOZYME	<b>H- PREPARACIONES SISTÉMICAS HORMONALES, EXCLUYENDO LAS HORMONAS SEXUALES Y LAS INSULINAS</b>	GLIOLAN	XAGRID
NAGLAZYME	INCRELEX	GLIVEC	YONDELIS
ORFADIN	PLENADREN	LITAK	<b>N- SISTEMA NERVIOSO</b>
REPLAGAL	SOMAVERT	LYSODREN	DIACOMIT
VPRIV	<b>J- ANTIINFECCIOSOS EN GENERAL PARA USO SISTÉMICO</b>	MEPACT	FIRDAPSE (ex-ZENAS)
WILZIN	CAYSTON	MOZOBIL	INOVELON
ZAVESCA	TOBI PODHALER	NEXAVAR	PEYONA (ex-NYMUSA)
<b>B- SANGRE Y ÓRGANOS HEMATOPOYÉTICOS</b>		PHOTOBARR	PRIALT
NPLATE		REVLIMID	VYNDAQEL
REVOLADE		RILONACEPT REGENERON (ex-ARCALYST)	<b>V- DIVERSO</b>
VENTAVIS		SIKLOS	EXJADE
		SOLIRIS	SAVENE
		SPRYCEL	



4- Por el titular de la AC

<b>ACTELION REGISTRATION LTD</b>	<b>DUOCORT PHARMA AB</b>	<b>MEDAC GMBH</b>	<b>SHIRE HUMAN GENETIC THERAPIES AB</b>
TRACLEER	PLENADREN	GLIOLAN	ELAPRASE
ZAVESCA	<b>EISAI LTD</b>	<b>MERCK SERONO EUROPE LTD.</b>	REPLAGAL
<b>ADDMEDICA</b>	INOVELON	KUVAN	<b>SHIRE ORPHAN THERAPIES GMBH</b>
SIKLOS	PRIALT	<b>NOVARTIS EUROPHARM LTD</b>	FIRAZYR
<b>ADIENNE S.R.L.</b>	<b>EPICEPT GMBH</b>	EXJADE	<b>SHIRE PHARMACEUTICAL CONTRACTS LTD</b>
TEPADINA	CEPLENE	GLIVEC	XAGRID
<b>ALEXION EUROPE SAS</b>	<b>GENZYME EUROPE B.V.</b>	TASIGNA	<b>SHIRE PHARMACEUTICALS IRELAND LTD.</b>
SOLIRIS	ALDURAZYME	TOBI PODHALER	VPRIV
<b>AMGEN EUROPE B.V.</b>	EVOLTRA	VOTUBIA	<b>SPEPHARM HOLDING BV</b>
NPLATE	FABRAZYME	<b>ORPHAN EUROPE S.A.R.L.</b>	SAVENE
<b>BAYER PHARMA AG</b>	MOZOBIL	CARBAGLU	<b>SWEDISH ORPHAN BIOVITRUM INTERNATIONAL AB</b>
NEXAVAR	MYOZYME	CYSTADANE	ORFADIN
<b>BAYER SCHERING PHARMA AG</b>	<b>GILEAD SCIENCES INTERNATIONAL LIMITED</b>	PEDEA	
VENTAVIS	CAYSTON	WILZIN	
<b>BIOCODEX</b>	<b>GLAXO GROUP LTD</b>	<b>PFIZER LTD</b>	
DIACOMIT	ARZERRA	REVATIO	
<b>BIOMARIN EUROPE LTD</b>	ATRIANCE	SOMAVERT	
FIRDAPSE	VOLIBRIS	TORISEL	
NAGLAZYME	<b>GLAXOSMITHKLINE TRADING SERVICES LIMITED</b>	<b>PFIZER SPECIALTY UK LTD</b>	
<b>BRISTOL-MYERS SQUIBB PHARMA EEIG</b>	REVOLADE	VYNDAQEL	
SPRYCEL	<b>IDM PHARMA SAS</b>	<b>PINNACLE BIOLOGICS B.V.</b>	
<b>CELGENE EUROPE LTD</b>	MEPACT	PHOTOBARR	
REVLIMID	<b>IPSEN PHARMA</b>	<b>PHARMA MAR S.A.</b>	
THALIDOMIDE CELGENE	INCRELEX	YONDELIS	
VIDAZA	<b>INTERMUNE UK LTD.</b>	<b>PIERRE FABRE MÉDICAMENT</b>	
<b>CEPHALON EUROPE</b>	ESBRIET	BUSILVEX	
TRISENOX	<b>LABORATOIRE HRA PHARMA</b>	<b>REGENERON UK LIMITED</b>	
<b>CHIESI FARMACEUTICI SPA</b>	LYSODREN	RILONACEPT REGENERON	
PEYONA	<b>LIPOMED GMBH</b>		
	LITAK		

## Listado de medicamentos huérfanos en Europa con autorización de comercialización europea, sin previa designación huérfana en Europa

### 1- Por nombre comercial en orden alfabético

NOMBRE COMERCIAL	SUSTANCIA ACTIVA	INDICACIÓN DE LA AUTORIZACIÓN DE COMERCIALIZACIÓN (AC)	FECHA DE LA AC (JJ/MM/AAAA)	TITULAR DE LA AC
ADCIRCA	Tadalafil (INN)	Treatment of <b>pulmonary arterial hypertension (PAH)</b> classified as WHO functional class II and III, to improve exercise capacity. Efficacy has been shown in idiopathic PAH (IPAH) and in PAH related to collagen vascular disease	30/11/2009	Eli Lilly Nederland B.V.
ADVATE	Octocog alpha (INN)	Treatment and prophylaxis of bleeding in patients with <b>haemophilia A</b> (congenital factor VIII deficiency)	02/03/2004	Baxter AG
AFINITOR	Everolimus (INN)	Treatment of unresectable or metastatic, well- or moderately-differentiated <b>neuroendocrine tumours of pancreatic origin</b> in adults with progressive disease. Treatment of patients with advanced <b>renal cell carcinoma</b> , whose disease has progressed on or after treatment with VEGF-targeted therapy.	03/08/2009	Novartis Europharm Ltd
ALIMTA	Pemetrexed (INN)	In combination with cisplatin for the treatment of chemotherapy naïve patients with unresectable malignant pleural <b>mesothelioma</b>	20/09/2004	Eli Lilly Nederland B.V.
AMMONAPS	Sodium phenylbutyrate (INN)	Adjunctive therapy in the chronic management of <b>urea cycle disorders</b> , involving deficiencies of carbamyl phosphate synthetase, ornithine transcarbamylase, or argininosuccinate synthetase. It is indicated in all patients with neonatal-onset presentation (complete enzyme deficiencies, presenting within the first 28 days of life). It is also indicated in patients with late-onset disease (partial enzyme deficiencies, presenting after the first month of life) who have a history of hyperammonaemic encephalopathy	08/12/1999	Swedish Orphan Biovitrum International AB
ATRYN	Antithrombin alpha (INN)	Prophylaxis of venous thromboembolism in surgery of patients with <b>congenital antithrombin deficiency</b> , normally given in association with heparin or low molecular weight heparin	28/07/2006	GTC Biotherapeutics UK Limited
AVASTIN	Bevacizumab (INN)	In combination with interferon alfa-2a, for first line treatment of patients with advanced and/or metastatic <b>renal cell cancer</b>	12/01/2005	Roche Registration Limited
BENEFIX	Recombinant coagulation Factor IX INN = Nonacog alpha	Treatment and prophylaxis of bleeding in patients with <b>haemophilia B</b> (congenital factor IX deficiency)	27/08/1997	Wyeth Europa Ltd

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BIOGRASTIM	Filgrastim (INN)	In patients, children or adults, with <b>severe congenital, cyclic, or idiopathic neutropenia</b> with an absolute neutrophil count (ANC) of $0.5 \times 10^9/L$ , and a history of severe or recurrent infections	15/09/2008	CT Arzneimittel GmbH
BUCCOLAM	Midazolam	Treatment of prolonged, acute, convulsive <b>seizures</b> in infants, toddlers, children and adolescents (from 3 months to < 18 years)	05/09/2011	ViroPharma SPRL
CAELYX	Doxorubicin hydrochloride (pegylated liposomal)	For treatment of advanced <b>ovarian cancer</b> in women who have failed a first-line platinum-based chemotherapy regimen In combination with bortezomib for the treatment of progressive <b>multiple myeloma</b> in patients who have received at least one prior therapy and who have already undergone or are unsuitable for bone marrow transplant Treatment of AIDS-related <b>Kaposi's sarcoma (KS)</b> in patients with low CD4 counts (< 200 CD4 lymphocytes/mm <sup>3</sup> ) and extensive mucocutaneous or visceral disease	21/06/1996	Janssen-Cilag International N.V.
CANCIDAS	Caspofungin	Treatment of invasive <b>aspergillosis</b> in adult or paediatric patients who are refractory to or intolerant of amphotericin B, lipid formulations of amphotericin B and/or itraconazole. Empirical therapy for presumed fungal infections (such as Candida or Aspergillus) in febrile, neutropaenic adult or paediatric patients	24/10/2001	Merck Sharp & Dohme Ltd
CEPROTIN	Human protein C (INN)	In purpura fulminans and coumarin-induced skin necrosis in patients with severe <b>congenital protein C deficiency</b> Short-term prophylaxis in patients with severe <b>congenital protein C deficiency</b> : if surgery or invasive therapy is imminent, while initiating coumarin therapy, when coumarin therapy alone is not sufficient, when coumarin therapy is not feasible	16/07/2001	Baxter AG
CEREZYME	Imiglucerase (INN)	Longterm enzyme replacement therapy in patients with a confirmed diagnosis of non-neuronopathic ( <b>Type 1</b> ) or chronic neuronopathic ( <b>Type 3</b> ) <b>Gaucher disease</b> and who exhibit clinically significant non-neurological manifestations of the disease, including one or more of the following conditions : anaemia after exclusion of other causes, such as iron deficiency; thrombocytopenia; bone disease after exclusion of other causes such as Vitamin D deficiency; hepatomegaly or splenomegaly	17/11/1997	Genzyme Europe B.V.
CINRYZE	C1 inhibitor (human)	Treatment and pre-procedure prevention of angioedema attacks in adults and adolescents with <b>hereditary angioedema (HAE)</b> . Routine prevention of angioedema attacks in adults and adolescents with severe and recurrent attacks of hereditary angioedema (HAE), who are intolerant to or insufficiently protected by oral prevention treatments, or patients who are inadequately managed with repeated acute treatment	15/06/2011	ViroPharma SPRL

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CYSTAGON	Mercaptamine bitartrate (INN)	Treatment of proven nephropathic <b>cystinosis</b> Cysteamine reduces cystine accumulation in some cells (e.g. leukocytes, muscle and liver cells) of nephropathic cystinosis patients and, when treatment is started early, it delays the development of renal failure	23/06/1997	Orphan Europe S.A.R.L.
DUKORAL	Vibrio cholerae and recombinant cholera toxin B-subunit	Active immunisation against <b>disease caused by Vibrio cholerae</b> serogroup O1 in adults and children from 2 years of age who will be visiting endemic/epidemic areas	28/04/2004	Crucell Sweden AB
ENBREL	Etanercept (INN)	Treatment of active polyarticular <b>juvenile idiopathic arthritis</b> in children and adolescents from the age of 2 years who have had an inadequate response to, or who have proved intolerant of, methotrexate. Enbrel has not been studied in children aged less than 2 years	03/02/2000	Pfizer Ltd
ERBITUX	Cetuximab (INN)	Treatment of patients with <b>squamous cell cancer of the head and neck</b> , in combination with radiation therapy for locally advanced disease and in combination with platinum-based chemotherapy for recurrent and/or metastatic disease	29/06/2004	Merck KGaA
EURARTESIM	Piperaquine tetraphosphate / dihydroartemisinin	Treatment of uncomplicated <b>Plasmodium falciparum malaria</b> in adults, children and infants 6 months and over and weighing 5 kg or more.	27/10/2011	Sigma-Tau Industrie Farmaceutiche Riunite S.p.A
FERRIPROX	Deferiprone (INN)	Treatment of iron overload in patients with <b>thalassaemia</b> major when deferoxamine therapy is contraindicated or inadequate	25/08/1999	Apotex Europe B.V.
FILGRASTIM HEXAL	Filgrastim (INN)	In patients, children or adults, with <b>severe congenital, cyclic, or idiopathic neutropenia</b> with an absolute neutrophil count (ANC) of $0.5 \times 10^9/L$ , and a history of severe or recurrent infections	06/02/2009	Hexal AG
FLEBOGAMMA DIF	Human normal immunoglobulin	Replacement therapy in: <b>Primary immunodeficiency syndromes</b> such as: - congenital <b>agammaglobulinaemia</b> and <b>hypogammaglobulinaemia</b> - <b>common variable immunodeficiency</b> - <b>severe combined immunodeficiency</b> - <b>Wiskott Aldrich syndrome</b> <b>Myeloma</b> or <b>chronic lymphocytic leukaemia</b> with severe secondary hypogammaglobulinaemia and recurrent infections. Immunomodulation in: <b>Idiopathic thrombocytopenic purpura (ITP)</b> , in children or adults at high risk of bleeding or prior to surgery to correct the platelet count. <b>Guillain Barré syndrome</b> <b>Kawasaki disease</b>	23/07/2007	Instituto Grifols S.A.

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GONAL-F	Recombinant human follicle stimulating hormone INN = Follitropin alpha	Stimulation of spermatogenesis in men who have <b>congenital</b> or acquired <b>hypogonadotrophic hypogonadism</b> with concomitant human Chorionic Gonadotrophin (hCG) therapy	20/10/1995	Merck Serono Europe Ltd
HELIXATE NEXGEN	Octocog alpha (INN)	Treatment and prophylaxis of bleeding in patients with <b>haemophilia A</b> (congenital factor VIII deficiency)	04/08/2000	Bayer Pharma AG
HERCEPTIN	Trastuzumab (INN)	In combination with capecitabine or 5-fluorouracil and cisplatin is indicated for the treatment of patients with HER2 positive metastatic <b>adenocarcinoma of the stomach or gastro-esophageal junction</b> who have not received prior anti-cancer treatment for their metastatic disease. Herceptin should only be used in patients with metastatic gastric cancer whose tumours have HER2 overexpression as defined by IHC2+ and a confirmatory SISH or FISH result, or by an IHC 3+ result. Accurate and validated assay methods should be used.	28/08/2000	Roche Registration Limited
HIZENTRA	Human normal immunoglobulin (SCIg)	Replacement therapy in adults and children in <b>primary immunodeficiency syndromes</b> such as: - congenital <b>agammaglobulinaemia</b> and <b>hypogammaglobulinaemia</b> - <b>common variable immunodeficiency</b> - <b>severe combined immunodeficiency</b> - <b>IgG subclass deficiencies</b> with recurrent infections - Replacement therapy in <b>myeloma</b> or <b>chronic lymphocytic leukaemia</b> with severe secondary hypogammaglobulinaemia and recurrent infections	14/04/2011	CSL Behring GmbH
HUMIRA	Adalimumab (INN)	In combination with methotrexate for the treatment of active polyarticular <b>juvenile idiopathic arthritis</b> , in adolescents aged 4 to 17 years who have had an inadequate response to one or more disease-modifying anti-rheumatic drugs (DMARDs) As monotherapy in case of intolerance to methotrexate or when continued treatment with methotrexate is inappropriate Humira has not been studied in children aged less than 4 years	08/09/2003	Abbott Laboratories Ltd

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HYCAMTIN	Topotecan (INN)	<p>Treatment of patients with metastatic <b>carcinoma of the ovary</b> after failure of first-line or subsequent therapy</p> <p>Treatment of patients with relapsed <b>small cell lung cancer</b> [SCLC] for whom re-treatment with the first-line regimen is not considered appropriate</p> <p>In combination with cisplatin for patients with <b>carcinoma of the cervix</b> recurrent after radiotherapy and for patients with Stage IVB disease. Patients with prior exposure to cisplatin require a sustained treatment free interval to justify treatment with the combination</p> <p>HYCAMTIN capsules are indicated as monotherapy for the treatment of adult patients with relapsed <b>small cell lung cancer</b> (SCLC) for whom re-treatment with the first-line regimen is not considered appropriate</p>	12/11/1996	SmithKline Beecham Ltd
ILARIS	Canakinumab (INN)	<p>Treatment of <b>Cryopyrin-Associated Periodic Syndromes</b> (CAPS) in adults, adolescents and children aged 4 years and older with body weight above 15 kg, including:</p> <ul style="list-style-type: none"> <li>- <b>Muckle-Wells Syndrome</b> (MWS),</li> <li>- <b>Neonatal-Onset Multisystem Inflammatory Disease</b> (NOMID) / <b>Chronic Infantile Neurological, Cutaneous, Articular Syndrome</b> (CINCA),</li> <li>- Severe forms of <b>Familial Cold Autoinflammatory Syndrome</b> (FCAS) / <b>Familial Cold Urticaria</b> (FCU) presenting with signs and symptoms beyond cold-induced urticarial skin rash</li> </ul>	23/10/2009	Novartis Europharm Ltd
INOMAX	Nitric oxide (INN)	<p>In conjunction with ventilatory support and other appropriate active substances:</p> <ul style="list-style-type: none"> <li>- for the treatment of newborn infants <math>\geq 34</math> weeks gestation with hypoxic respiratory failure associated with clinical or echocardiographic evidence of <b>pulmonary hypertension</b>, in order to improve oxygenation and to reduce the need for extracorporeal membrane oxygenation.</li> <li>- as part of the treatment of peri- and post-operative pulmonary hypertension in adults and newborn infants, infants and toddlers, children and adolescents, ages 0-17 years in conjunction to heart surgery, in order to selectively decrease pulmonary arterial pressure and improve right ventricular function and oxygenation</li> </ul>	01/08/2001	INO Therapeutics AB

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INTRONA	Interferon alpha-2b (INN)	<p>Treatment of patients with <b>hairy cell leukaemia</b></p> <p>Monotherapy treatment of adults with Philadelphia chromosome or bcr/abl translocation positive <b>chronic myelogenous leukaemia</b></p> <p>Combination therapy with cytarabine administered during the first 12 months of treatment has been demonstrated to significantly increase the rate of major cytogenetic responses and to significantly prolong the overall survival at three years when compared to interferon alfa-2b monotherapy</p> <p>Treatment of patients with <b>multiple myeloma</b>, as maintenance therapy in patients who have achieved objective remission (more than 50 % reduction in myeloma protein) following initial induction chemotherapy</p> <p>Treatment of high tumour burden <b>follicular lymphoma</b> as adjunct to appropriate combination induction chemotherapy such as a CHOP-like regimen</p> <p>Treatment of carcinoid tumours with lymph node or liver metastases and with "carcinoid syndrome"</p>	09/03/2000	Merck Sharp & Dohme Limited
IXIARO	Japanese Encephalitis Vaccine (inactivated, adsorbed)	For active immunization against <b>Japanese encephalitis</b> for adults	31/03/2009	Intercell AG
KEPPRA	Levetiracetam (INN)	<p>As monotherapy in the treatment of partial onset seizures with or without secondary generalisation in patients from 16 years of age with newly diagnosed <b>epilepsy</b>.</p> <p>As adjunctive therapy in the treatment of partial onset seizures with or without secondary generalisation in adults, children and infants from <b>1 month</b> of age with epilepsy ; in the treatment of myoclonic seizures in adults and adolescents from 12 years of age with <b>Juvenile Myoclonic Epilepsy</b> ; in the treatment of primary generalised tonic-clonic seizures in adults and adolescents from 12 years of age with Idiopathic Generalised Epilepsy</p>	29/09/2000	UCB Pharma SA

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KIOVIG	Human normal immunoglobulin (INN)	Replacement therapy in adults, and children and adolescents (0-18 years) in: - <b>Primary immunodeficiency syndromes</b> with impaired antibody production - <b>Hypogammaglobulinaemia</b> and recurrent bacterial infections in patients with chronic lymphocytic leukaemia, in whom prophylactic antibiotics have failed. - Hypogammaglobulinaemia and recurrent bacterial infections in plateau phase multiple myeloma patients who have failed to respond to pneumococcal immunisation. - Hypogammaglobulinaemia in patients after allogeneic haematopoietic stem cell transplantation (HSCT). Immunomodulation in adults, and children and adolescents (0-18 years) in: - <b>Primary immune thrombocytopenia (ITP)</b> , in patients at high risk of bleeding or prior to surgery to correct the platelet count. - <b>Guillain Barré syndrome.</b> - <b>Kawasaki disease.</b> - <b>Multifocal Motor Neuropathy (MMN).</b>	19/01/2006	Baxter AG
KOGENATE BAYER	Octocog alpha (INN)	Treatment and prophylaxis of bleeding in patients with <b>haemophilia A</b> (congenital factor VIII deficiency)	04/08/2000	Bayer Pharma AG
MABCAMPATH	Alemtuzumab (INN)	Treatment of patients with <b>B-cell chronic lymphocytic leukaemia (B-CLL)</b> for whom fludarabine combination chemotherapy is not appropriate	06/07/2001	Genzyme Europe BV
MABTHERA	Rituximab (INN)	Indicated in adults for: Treatment of previously untreated patients with stage III-IV <b>follicular lymphoma</b> in combination with chemotherapy Maintenance therapy is indicated for the treatment of follicular lymphoma patients responding to induction therapy Monotherapy is indicated for treatment of patients with stage III-IV follicular lymphoma who are chemoresistant or are in their second or subsequent relapse after chemotherapy Treatment of patients with CD20 positive <b>diffuse large B cell non-Hodgkin's lymphoma</b> in combination with CHOP (cyclophosphamide, doxorubicin, vincristine, prednisolone) chemotherapy In combination with chemotherapy, treatment of patients with previously untreated and relapsed/refractory <b>chronic lymphocytic leukaemia (CLL)</b> . Only limited data are available on efficacy and safety for patients previously treated with monoclonal antibodies including MabThera or patients refractory to previous MabThera plus chemotherapy	02/06/1998	Roche Registration Limited

DCI: Denominación común internacional, del inglés INN (International Nonproprietary Name)

NOMBRE COMERCIAL	SUSTANCIA ACTIVA	INDICACIÓN DE LA AUTORIZACIÓN DE COMERCIALIZACIÓN (AC)	FECHA DE LA AC (JJ/MM/AAAA)	TITULAR DE LA AC
NIVESTIM	Filgrastim (INN)	In patients, children or adults, with <b>severe congenital, cyclic, or idiopathic neutropenia</b> with an absolute neutrophil count (ANC) of $0.5 \times 10^9/L$ , and a history of severe or recurrent infections	08/06/2010	Hospira UK Ltd
NOVOSEVEN	Human recombinant coagulation Factor VIIa INN = Eptacog alpha (activated)	Treatment of bleeding episodes and for the prevention of bleeding in those undergoing surgery or invasive procedures in the following patient groups : in patients with congenital <b>haemophilia</b> with inhibitors to coagulation factors VIII or IX > 5 BU; in patients with congenital <b>haemophilia</b> who are expected to have a high anamnestic response to factor VIII or factor IX administration; in patients with <b>acquired haemophilia</b> ; in patients with <b>congenital FVII deficiency</b> ; in patients with <b>Glanzmann's thrombasthenia</b> with antibodies to GP IIb - IIIa and/or HLA, and with past or present refractoriness to platelet transfusions	23/02/1996	Novo Nordisk A/S
NOXAFIL	Posaconazole (INN)	Treatment of the fungal infections in adults: - Invasive <b>aspergillosis</b> in patients with disease that is refractory to amphotericin B or itraconazole or in patients who are intolerant of these medicinal products - <b>Fusariosis</b> in patients with disease that is refractory to amphotericin B or in patients who are intolerant of amphotericin B - <b>Chromoblastomycosis</b> and <b>mycetoma</b> in patients with disease that is refractory to itraconazole or in patients who are intolerant of itraconazole - <b>Coccidioidomycosis</b> in patients with disease that is refractory to amphotericin B, itraconazole or fluconazole or in patients who are intolerant of these medicinal products Prophylaxis of invasive fungal infections in : - Patients receiving remission-induction chemotherapy for acute myelogenous leukemia (AML) or myelodysplastic syndromes (MDS) expected to result in prolonged neutropenia and who are at high risk of developing invasive fungal infections - Hematopoietic stem cell transplant (HSCT) recipients who are undergoing high-dose immunosuppressive therapy for graft versus host disease and who are at high risk of developing invasive fungal infections	25/10/2005	Merck Sharp & Dohme Ltd.
OMNITROPE	Somatropin (INN)	Growth disturbance due to insufficient secretion of growth hormone (GH) and growth disturbance associated with <b>Turner syndrome</b> or chronic renal insufficiency. <b>Prader-Willi syndrome (PWS)</b> , for improvement of growth and body composition. Replacement therapy in adults with pronounced <b>growth hormone deficiency</b> (patients with known hypothalamic pituitary pathology and at least one known deficiency of a pituitary hormone not being prolactin)	12/04/2006	Sandoz GmbH

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NOMBRE COMERCIAL	SUSTANCIA ACTIVA	INDICACIÓN DE LA AUTORIZACIÓN DE COMERCIALIZACIÓN (AC)	FECHA DE LA AC (JJ/MM/AAAA)	TITULAR DE LA AC
ORENCIA	Abatacept (INN)	In combination with methotrexate, for the treatment of moderate to severe active <b>polyarticular juvenile idiopathic arthritis</b> (JIA) in paediatric patients 6 years of age and older who have had an insufficient response to other DMARDs including at least one TNF inhibitor	21/05/2007	Bristol-Myers Squibb Pharma EEIG
OZURDEX	Dexamethasone	For the treatment of adult patients with <b>inflammation of the posterior segment of the eye</b> presenting as <b>non-infectious uveitis</b>	27/07/2010	Allergan Pharmaceuticals Ireland
PANRETIN	Alitretinoin (INN)	Topical treatment of cutaneous lesions in patients with AIDS-related <b>Kaposi's sarcoma</b> (KS) : when lesions are not ulcerated or lymphoedematous, and treatment of visceral KS is not required, and when lesions are not responding to systemic antiretroviral therapy, and radiotherapy or chemotherapy are not appropriate	11/10/2000	Eisai Ltd
PRIVIGEN	Human normal immunoglobulin (IVIg)	Replacement therapy in : <ul style="list-style-type: none"> <li>- <b>Primary immunodeficiency</b> (PID) syndromes such as: <ul style="list-style-type: none"> <li>- congenital <b>agammaglobulinaemia</b> and <b>hypogammaglobulinaemia</b></li> <li>- <b>common variable immunodeficiency</b></li> <li>- <b>severe combined immunodeficiency</b></li> <li>- <b>Wiskott Aldrich syndrome</b></li> </ul> </li> <li>- <b>Myeloma</b> or <b>chronic lymphocytic leukaemia</b> with severe secondary hypogammaglobulinaemia and recurrent infections.</li> </ul> Immunomodulation in : <ul style="list-style-type: none"> <li>- <b>Immune thrombocytopenic purpura</b> (ITP), in children or adults at high risk of bleeding or prior to surgery to correct the platelet count</li> <li>- <b>Guillain-Barré syndrome</b></li> <li>- <b>Kawasaki disease</b></li> </ul>	25/04/2008	CSL Behring GmbH
PUREGON	Follitropin beta (INN)	Treatment of deficient spermatogenesis due to <b>hypogonadotrophic hypogonadism</b>	03/05/1996	NV Organon
RATIOGRASTIM	Filgrastim (INN)	In patients, children or adults, with <b>severe congenital, cyclic, or idiopathic neutropenia</b> with an absolute neutrophil count (ANC) of 0.5 x 10 <sup>9</sup> /L, and a history of severe or recurrent infections	15/09/2008	Ratiopharm GmbH
REFACTO AF	Moroctocog alpha (INN)	Treatment and prophylaxis of bleeding in patients with <b>haemophilia A</b> (congenital factor VIII deficiency) in adults and children of all ages, including newborns	13/04/1999	Pfizer Ltd
REFLUDAN	Lepirudin (INN)	Anticoagulation in adult patients with <b>heparin-induced thrombocytopenia</b> (HIT) type II and thromboembolic disease mandating parenteral antithrombotic therapy	13/03/1997	Celgene Europe Ltd
RILUTEK	Riluzole (INN)	To extend life or the time to mechanical ventilation for patients with <b>amyotrophic lateral sclerosis</b> (ALS)	10/06/1996	Aventis Pharma S.A.

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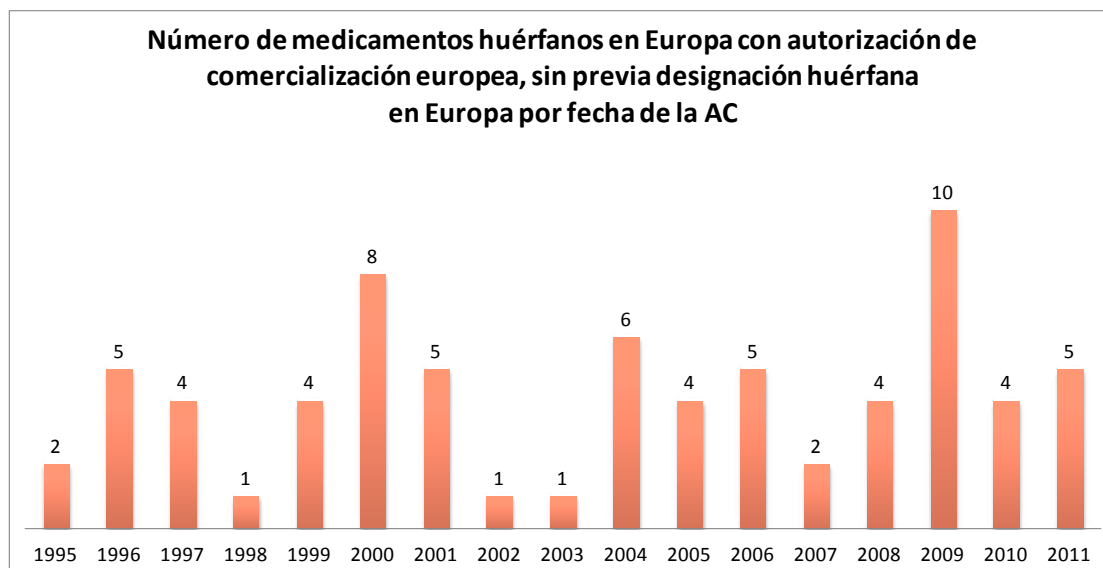
NOMBRE COMERCIAL	SUSTANCIA ACTIVA	INDICACIÓN DE LA AUTORIZACIÓN DE COMERCIALIZACIÓN (AC)	FECHA DE LA AC (JJ/MM/AAAA)	TITULAR DE LA AC
ROACTEMRA	Tocilizumab (INN)	Treatment of active <b>systemic juvenile idiopathic arthritis</b> (sJIA) in patients 2 years of age and older, who have responded inadequately to previous therapy with NSAIDs and systemic corticosteroids. RoActemra can be given as monotherapy (in case of intolerance to MTX or where treatment with MTX is inappropriate) or in combination with MTX.	16/01/2009	Roche Registration Ltd
RUCONEST	Conestat alfa	Treatment of acute angioedema attacks in adults with <b>hereditary angioedema (HAE) due to C1 esterase inhibitor deficiency</b>	28/10/2010	Pharming Group N.V.
SAMSCA	Tolvaptan (INN)	Treatment of adult patients with hyponatraemia secondary to <b>syndrome of inappropriate antidiuretic hormone secretion</b> (SIADH)	03/08/2009	Otsuka Pharmaceutical Europe Ltd
SUTENT	Sunitinib (INN)	Treatment of unresectable and/or metastatic malignant <b>gastrointestinal stromal tumour</b> (GIST) after failure of imatinib mesilate treatment due to resistance or intolerance Treatment of advanced/metastatic <b>renal cell carcinoma</b> (MRCC) in adults Treatment of unresectable or metastatic, well-differentiated <b>pancreatic neuroendocrine tumours</b> (pNET) with disease progression in adults Experience with SUTENT as first-line treatment is limited	19/07/2006	Pfizer Limited
TARCEVA	Erlotinib (INN)	In combination with gemcitabine, for the treatment of patients with metastatic <b>pancreatic cancer</b> . When prescribing Tarceva, factors associated with prolonged survival should be taken into account . No survival advantage could be shown for patients with locally advanced disease	19/09/2005	Roche Registration Limited
TAXOTERE	Docetaxel (INN)	In combination with cisplatin and 5-fluorouracil for the treatment of patients with metastatic <b>gastric adenocarcinoma</b> , including adenocarcinoma of the gastroesophageal junction, who have not received prior chemotherapy for metastatic disease In combination with cisplatin and 5-fluorouracil for the induction treatment of patients with locally advanced <b>squamous cell carcinoma of the head and neck</b>	27/11/1995	Aventis Pharma S.A.
TEMODAL	Temozolomide (INN)	Treatment of adult patients with newly-diagnosed <b>glioblastoma</b> multiforme concomitantly with radiotherapy (RT) and subsequently as monotherapy treatment Treatment of children from the age of three years, adolescents and adult patients with <b>malignant glioma</b> , such as <b>glioblastoma</b> multiforme or anaplastic <b>astrocytoma</b> , showing recurrence or progression after standard therapy	26/01/1999	Schering-Plough Europe

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TEVAGRASTIM	Filgrastim (INN)	In patients, children or adults, with <b>severe congenital, cyclic, or idiopathic neutropenia</b> with an absolute neutrophil count (ANC) of $0.5 \times 10^9/L$ , and a history of severe or recurrent infections	15/09/2008	Teva Generics GmbH
TEYSUNO	Tegafur/Gime-racil /Oteracil	In adults for the treatment of advanced <b>gastric cancer</b> when given in combination with cisplatin	14/03/2011	Nordic Group BV
THYROGEN	Thyrotropin alfa	For use with serum thyroglobulin (Tg) testing with or without radioiodine imaging for the detection of thyroid remnants and <b>well-differentiated thyroid cancer</b> in postthyroidectomy patients maintained on hormone suppression therapy (THST) For pre-therapeutic stimulation in combination with 100 mCi (3.7 GBq) radioiodine for ablation of thyroid tissue remnants in patients who have undergone a near-total or total thyroidectomy for <b>well-differentiated thyroid cancer</b> and who do not have evidence of distant metastatic thyroid cancer	09/03/2000	Genzyme Europe B.V.
VALTROPIN	Somatropin (INN)	Long-term treatment of children with growth failure due to an inadequate secretion of normal endogenous growth hormone Treatment of short stature in children with <b>Turner syndrome</b> , confirmed by chromosome analysis Replacement therapy in adults with pronounced <b>growth hormone deficiency</b> of either childhood- or adult-onset aetiology (patients with known hypothalamic-pituitary pathology and at least one additional known deficiency of a pituitary hormone not being prolactin)	24/04/2006	BioPartners GmbH
VEDROP	Tocofersolan (INN)	Indicated in vitamin E deficiency due to digestive malabsorption in paediatric patients suffering from <b>congenital chronic cholestasis</b> or <b>hereditary chronic cholestasis</b> , from birth (in term newborns) to 16 or 18 years of age, depending on the region	24/07/2009	Orphan Europe S.A.R.L
VELCADE	Bortezomib (INN)	In combination with melphalan and prednisone for the treatment of patients with previously untreated <b>multiple myeloma</b> who are not eligible for high-dose chemotherapy with bone marrow transplant As mono-therapy for the treatment of progressive multiple myeloma in patients who have received at least 1 prior therapy and who have already undergone or are unsuitable for bone marrow transplantation	26/04/2004	Janssen-Cilag International NV
VFEND	Voriconazole	For treatment of invasive <b>aspergillosis</b> For treatment of serious fungal infections caused by <i>Scedosporium</i> spp. and <i>Fusarium</i> spp. ( <b>Fusariosis</b> ) VFEND should be administered primarily to patients with progressive, possibly life-threatening infections	19/03/2002	Pfizer Limited
VOTRIENT	Pazopanib (INN)	For the first line treatment of advanced <b>Renal Cell Carcinoma (RCC)</b> and for patients who have received prior cytokine therapy for advanced disease	14/06/2010	Glaxo Group Ltd
XELODA	Capecitabine (INN)	First-line treatment of advanced <b>gastric cancer</b> in combination with a platinum-based regimen	02/02/2001	Roche Registration Limited

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XYREM	Sodium oxybate (INN)	Treatment of <b>narcolepsy with cataplexy</b> in adult patients	13/10/2005	UCB Pharma Ltd
ZARZIO	Filgrastim (INN)	In patients, children or adults, with <b>severe congenital, cyclic, or idiopathic neutropenia</b> with an absolute neutrophil count (ANC) of $0.5 \times 10^9/L$ , and a history of severe or recurrent infections	06/02/2009	Sandoz GmbH
ZEVALIN	Ibritumomab tiuxetan (INN)	Consolidation therapy after remission induction in previously untreated patients with <b>follicular lymphoma</b> Treatment of adult patients with rituximab relapsed or refractory CD20+ <b>follicular B-cell non-Hodgkin's lymphoma (NHL)</b>	16/01/2004	Bayer Pharma AG
ZUTECTRA	Human Hepatitis B Immunoglobulin	Prevention of <b>hepatitis B virus (HBV) re-infection</b> in HBV-DNA negative patients over 6 months <b>after liver transplantation for hepatitis B induced liver failure</b> . Zutectra is indicated in adults only. The concomitant use of adequate virostatic agents should be considered, if appropriate, as standard of hepatitis B re-infection prophylaxis	30/11/2009	Biotest Pharma GmbH

2- Por fecha de la AC en orden descendiente

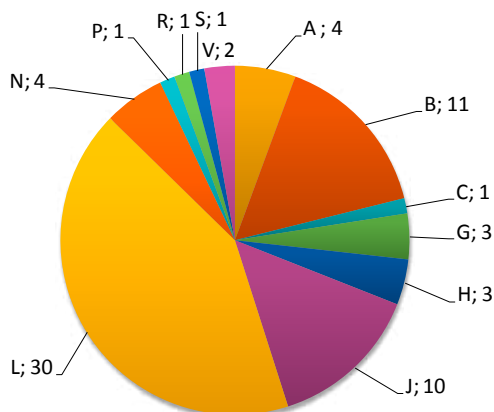
<b>2011</b>	<b>2008</b>	<b>2003</b>	<b>1997</b>
BUCCOLAM	BIOGRASTIM	HUMIRA	BENEFIX
CINRYZE	PRIVIGEN	<b>2002</b>	CEREZYME
EURARTESIM	RATIOGRASTIM	VFEND	CYSTAGON
HIZENTRA	TEVAGRASTIM	<b>2001</b>	REFLUDAN
TEYSUNO	<b>2007</b>	CANCIDAS	<b>1996</b>
<b>2010</b>	FLEBOGAMMA DIF	CEPROTIN	CAELYX
NIVESTIM	ORENCIA	INOMAX	HYCAMTIN
OZURDEX	<b>2006</b>	MABCAMPATH	NOVOSEVEN
RUCONEST	ATRYN	XELODA	PUREGON
VOTRIENT	KIOVIG	<b>2000</b>	RILUTEK
<b>2009</b>	OMNITROPE	ENBREL	<b>1995</b>
ADCIRCA	SUTENT	HELIXATE NEXGEN	GONAL-F
AFINITOR	VALTROPIN	HERCEPTIN	TAXOTERE
FILGRASTIM HEXAL	<b>2005</b>	INTRONA	
ILARIS	AVASTIN	KEPPRA	
IXIARO	NOXAFIL	KOGENATE BAYER	
ROACTEMRA	TARCEVA	PANRETIN	
SAMSCA	XYREM	THYROGEN	
VEDROP	<b>2004</b>	<b>1999</b>	
ZARZIO	ADVATE	AMMONAPS	
ZUTECTRA	ALIMTA	FERRIPROX	
	DUKORAL	REFACTO AF	
	ERBITUX	TEMODAL	
	VELCADE	<b>1998</b>	
	ZEVALIN	MABTHERA	



### 3- Por categoría ATC

<b>A- SISTEMA DIGESTIVO Y METABOLISMO</b>	<b>G- SISTEMA GENITOURINARIO Y HORMONAS SEXUALES</b>	<b>L- ANTINEOPLÁSICOS Y AGENTES INMUNOMODULADORES</b>	TEMODAL
AMMONAPS	ADCIRCA	AFINITOR	TEVAGRASTIM
CEREZYME	GONAL-F	ALIMTA	TEYSUNO
CYSTAGON	PUREGON	AVASTIN	VELCADE
VEDROP		BIOGRASTIM	VOTRIENT
<b>B- SANGRE Y ÓRGANOS HEMATOPOYÉTICOS</b>	<b>H- PREPARACIONES SISTÉMICAS HORMONALES, EXCLUYENDO LAS HORMONAS SEXUALES Y LAS INSULINAS</b>	CAELYX	XELODA
ADVATE	OMNITROPE	ENBREL	ZARZIO
ATRYN	THYROGEN	ERBITUX	<b>N- SISTEMA NERVIOSO</b>
BENEFIX	VALTROPIN	FILGRASTIM HEXAL	BUCCOLAM
CEPROTIN		HERCEPTIN	KEPPRA
CINRYZE	<b>J- ANTIINFECCIOSOS EN GENERAL PARA USO SISTÉMICO</b>	HUMIRA	RILUTEK
HELIXATE NEXGEN	CANCIDAS	HYCAMTIN	XYREM
KOGENATE BAYER	DUKORAL	ILARIS	<b>P- PRODUCTOS ANTIPARASITARIOS, INSECTICIDAS Y REPELENTES</b>
NOVOSEVEN	FLEBOGAMMA DIF	INTRONA	EURARTESIM
REFACTO AF	HIZENTRA	MABCAMPATH	<b>R- SISTEMA RESPIRATORIO</b>
REFLUDAN	IXIARO	MABTHERA	INOMAX
RUCONEST	KIOVIG	NIVESTIM	<b>S- ÓRGANOS DE LOS SENTIDOS</b>
<b>C- SISTEMA CARDIOVASCULAR</b>	NOXAFIL	ORENCIA	OSURDEX
SAMSCA	PRIVIGEN	PANRETIN	<b>V- DIVERSO</b>
	VFEND	RATIOGRASTIM	FERRIPROX
	ZUTECTRA	ROACTEMRA	ZEVALIN
		SUTENT	
		TARCEVA	
		TAXOTERE	

**Número de medicamentos huérfanos en Europa con autorización de comercialización europea, sin previa designación huérfana en Europa por categoría ATC**



#### 4- Por el titular de la AC

<b>ABBOTT LABORATORIES LTD</b>	<b>EISAI LTD</b>	<b>MERCK SHARP &amp; DOHME LTD</b>	<b>ROCHE REGISTRATION LTD</b>
HUMIRA	PANRETIN	CANCIDAS	AVASTIN
<b>ALLERGAN PHARMACEUTICALS IRELAND</b>	<b>ELI LILLY NEDERLAND B.V.</b>	INTRONA	HERCEPTIN
OZURDEX	ADCIRCA	NOXAFIL	MABTHERA
<b>APOTEX EUROPE B.V.</b>	ALIMTA	<b>NORDIC GROUP BV</b>	ROACTEMRA
FERRIPROX	<b>GENZYME EUROPE B.V.</b>	TEYSUNO	TARCEVA
<b>AVENTIS PHARMA S.A.</b>	CEREZYME	<b>NOVARTIS EUROPHARM LTD</b>	XELODA
RILUTEK	MABCAMPATH	AFINITOR	<b>SANDOZ GMBH</b>
TAXOTERE	THYROGEN	ILARIS	OMNITROPE
<b>BAXTER AG</b>	<b>GLAXO GROUP LTD</b>	<b>NOVO NORDISK A/S</b>	ZARZIO
ADVATE	VOTRIENT	NOVOSEVEN	<b>SCHERING-PLOUGH EUROPE</b>
CEPROTIN	<b>GTC BIOTHERAPEUTICS UK LIMITED</b>	<b>NV ORGANON</b>	TEMODAL
KIOVIG	ATRYN	PUREGON	<b>SMITHKLINE BEECHAM LTD</b>
<b>BAYER PHARMA AG</b>	<b>HEXAL AG</b>	<b>ORPHAN EUROPE S.A.R.L.</b>	HYCANTIN
HELIXATE NEXGEN	FILGRASTIM HEXAL	CYSTAGON	<b>SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A</b>
KOGENATE BAYER	<b>HOSPIRA UK LTD</b>	VEDROP	EURARTESIM
ZEVALIN	NIVESTIM	<b>OTSUKA PHARMACEUTICAL EUROPE LTD</b>	<b>SWEDISH ORPHAN BIOVITRUM INTERNATIONAL AB</b>
<b>BIOPARTNERS GMBH</b>	<b>INO THERAPEUTICS AB</b>	SAMSCA	AMMONAPS
VALTROPIN	INOMAX	<b>PFIZER LTD</b>	<b>TEVA GENERICS GMBH</b>
<b>BIOTEST PHARMA GMBH</b>	<b>INSTITUTO GRIFOLS S.A.</b>	ENBREL	TEVAGRASTIM
ZUTECTRA	FLEBOGAMMA DIF	REFACTO AF	<b>UCB PHARMA LTD</b>
<b>BRISTOL-MYERS SQUIBB PHARMA EEIG</b>	<b>INTERCELL AG</b>	SUTENT	XYREM
ORENCIA	IXIARO	VFEND	<b>UCB PHARMA SA</b>
<b>CELGENE EUROPE LTD</b>	<b>JANSSEN-CILAG INTERNATIONAL NV</b>	<b>PHARMING GROUP N.V.</b>	KEPPRA
REFLUDAN	CAELYX	RUCONEST	<b>VIROPHARMA SPRL</b>
<b>CRUCELL SWEDEN AB</b>	VELCADE	<b>RATIOPHARM GMBH</b>	BUCCOLAM
DUKORAL	<b>MERCK KGAA</b>	RATIOGRASTIM	CINRYZE
<b>CSL BEHRING GMBH</b>	ERBITUX		<b>WYETH EUROPA LTD</b>
HIZENTRA	<b>MERCK SERONO EUROPE LTD</b>		BENEFIX
PRIVIGEN	GONAL-F		
<b>CT ARZNEIMITTEL GMBH</b>			
BIOGRASTIM			

Para cualquier pregunta o comentario, por favor contacte con: [contact.orphanet@inserm.fr](mailto:contact.orphanet@inserm.fr)

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