(Drugs V)

Darbepoetin alfa

Targets (1)

IDENTIFICATION

Name	Darbepoetin alfa
Accession Number	DB00012 (BTD00032, BIOD00032)
Туре	Biotech
Groups	Approved, Investigational
Biologic Classification	Protein Based Therapies Haematopoietic growth factors
Description	Human erythropoietin with 2 aa substitutions to enhance glycosylation (5 N-linked chains), 165 residues (MW=37 kD). Produced in Chinese hamster ovary (CHO) cells by recombinant DNA technology.

Protein structure



Protein	chemical
formula	

 $\mathsf{C}_{815}\mathsf{H}_{1317}\mathsf{N}_{233}\mathsf{O}_{241}\mathsf{S}_{5}$

Protein average weight

18396.1 Da

Sequences

>DB00012 sequence

APPRLICDSRVLERYLLEAKEAENITTGCAEHCSLNENITVPDTKVNFYAWKRMEVGQQA VEVWQGLALLSEAVLRGQALLVNSSQPWEPLQLHVDKAVSGLRSLTTLLRALGAQKEAIS PPDAASAAPLRTITADTFRKLFRVYSNFLRGKLKLYTGEACRTGDR

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Synonyms

Darbepoetin

Darbepoetin alfa, recombinant

Darbepoetina alfa

Prescription Products



NAME ↑↓	DOSAGE ↑↓	STRENGTH ↑↓	ROUTE ↑↓	LABELLER ↑↓	MARKETING START ↑↓	MARKETING END ↑↓	₩	↑↓
Aranesp	Injection, solution	10 µ g	Intravenous; Subcutaneous	Amgen Europe B.V.	2001-06-08	Not applicable	0	
Aranesp	Injection, solution	10 µ g	Intravenous; Subcutaneous	Amgen Europe B.V.	2001-06-08	Not applicable	0	

Not Available



Drug Interactions

①

<u>ALL DRUGS</u> <u>APPROVED</u> <u>VET APPROVED</u> <u>NUTRACEUTICAL</u> <u>ILLICIT</u> <u>WITHDRAWN</u>

<u>INVESTIGATIONAL</u> <u>EXPERIMENTAL</u>

10 entries Search Show DRUG **↑** INTERACTION The risk or severity of pulmonary toxicity can be increased when Darbepoetin alfa is Cyclophosphamide combined with Cyclophosphamide. Lenalidomide The risk or severity of Thrombosis can be increased when Darbepoetin alfa is combined with Lenalidomide. **Nandrolone** The therapeutic efficacy of Darbepoetin alfa can be increased when used in combination with Nandrolone. Nandrolone decanoate The therapeutic efficacy of Darbepoetin alfa can be increased when used in combination with Nandrolone decanoate. Nandrolone The therapeutic efficacy of Darbepoetin alfa can be increased when used in phenpropionate combination with Nandrolone phenpropionate. <u>Pomalidomide</u> The risk or severity of Thrombosis can be increased when Darbepoetin alfa is combined with Pomalidomide. **Thalidomide** The risk or severity of Thrombosis can be increased when Darbepoetin alfa is combined with Thalidomide. Vinblastine Vinblastine The risk or severity of peripheral neuropathy can be increased when Darbepoetin alfa is combined with Vinblastine. <u>Vincamine</u> The risk or severity of peripheral neuropathy can be increased when Darbepoetin alfa is combined with Vincamine. <u>Vincristine</u> The risk or severity of peripheral neuropathy can be increased when Darbepoetin alfa is combined with Vincristine.

Showing 1 to 10 of 14 entries

<u>∠</u> 1 <u>2</u> <u>></u>

Food Interactions

Not Available

REFERENCES

General References Not Available

Show 10	entries	5	S	earch	
PHASE ↑↓	STATUS 🖴	PURPOSE 1	CONDITIONS	₩	COUNT া
1	Completed	Other	Hemoglobin Level		1
1	Completed	Other	Reticulocyte Count		1
1	Completed	Treatment	<u>Healthy Volunteers</u>		2
1	Unknown Status	Treatment	Symptomatic Anemia		1
1	Withdrawn	Treatment	Anemias / Chronic Kidney Disease (CKD)		1
1, 2	Completed	Treatment	Anemias / Congestive Heart Failure (CHF).		1
1, 2	Completed	Treatment	Blood Cancers / Myelodysplastic Syndromes / Myelodysplastic Syndromes (MDS).	<u>olastic</u>	1
1, 2	Completed	Treatment	Hypoxic Ischemic Encephalopathy (HIE)		1
2	Active Not Recruiting	Supportive Care	<u>Lymphoma, Large B-Cell, Diffuse (DLBCL)</u>		1
2	Active Not Recruiting	Treatment	Malignant Lymphomas		1

Showing 1 to 10 of 127 entries

PHARMACOECONOMICS

Manufacturers	Amgen Inc.		
Packagers	Amgen Inc.	Physicians Total Care Inc.	
Dosage forms	Show 10 entries		Search
	FORM	↑↓ ROUTE	↑↓ STRENGTH ↑↓
	Injection, solution	Intravenous; Subcutaneous	10 µg
	Injection, solution	Intravenous; Subcutaneous	10 ug/0.4mL
	Injection, solution	Intravenous; Subcutaneous	100 µg
	Injection, solution	Intravenous; Subcutaneous	100 ug/0.5mL





Molecular Framework

Not Available

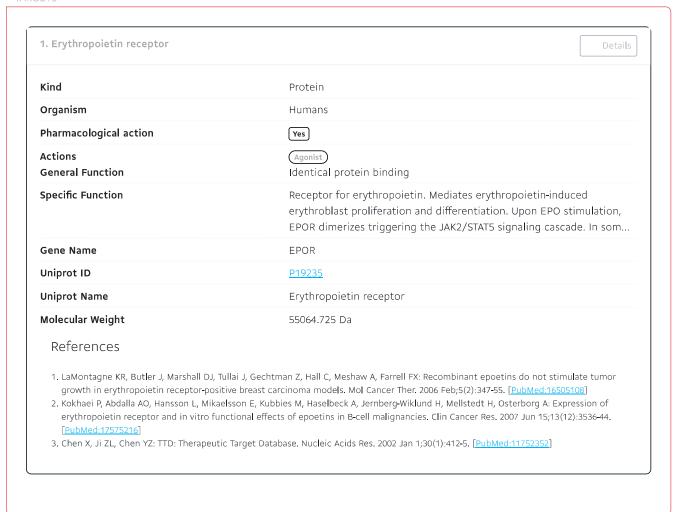
Not Available

External Descriptors

Substituents

Not Available

TARGETS



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