

Description

A thiol-containing non-essential amino acid that is oxidized to form cystine.

Structure



3D

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Similar Structures

Synonyms

(2R)-2-amino-3-mercaptopropanoic acid

(2R)-2-amino-3-sulfanylpropanoic acid

(R)-2-Amino-3-mercaptopropanoic acid

Cisteina 

Cisteinum 

Cys

Cysteine

Cysteinum 

Free Cysteine

L-2-Amino-3-mercaptopropionic acid

L-Cys

L-Cystein 

L-Zystein 

External IDs

E 920 / E-920 / E920 / FEMA NO. 3263 / NSC-8746

Product Ingredients

INGREDIENT	UNII	CAS	INCHI KEY
Cysteine hydrochloride	ZT934N0X4W	7048-04-6	QIJRTFXNRT

Prescription Products

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NAME	DOSAGE	STRENGTH	ROUTE	LABELLER
 Cysteine Hydrochloride	Injection, solution	0.5 g/10mL	Intravenous	Hospira, Inc.
 Elcys	Injection, solution	10 mg/1mL	Intravenous	Exela Pharma LLC

Mixture Products

Show 10 entries

NAME	INGREDIENTS	DOSAGE	ROUTE	LABELLER	MAR
+ 8.5% Freamine III	Cysteine (13.9 mg) + Alanine (600 mg) + Arginine (810 mg) + Glycine (1.19 g) + Histidine (240 mg) + Isoleucine (590 mg) + L-Lysine (620 mg) + Leucine (770 mg) + Phenylalanine (480 mg) + Proline (950 mg) + Racemethionine (450 mg) + Serine (500 mg) + Threonine (340 mg) + Tryptophan (130 mg) + Valine (560 mg)	Liquid	Intravenous	B. Braun Medical Inc.	1999
+ Aminoderm Poudre	Cysteine (2 mg) + Glycine (10 mg) + Neomycin sulfate (5 mg) + Threonine (1 mg)	Powder	Topical	Desbergers LtÉE, Division Of Technilab Inc.	1968

		Phenylalanine (100 mg/100mL) + Proline (800 mg/100mL) + Serine (500 mg/100mL) + Threonine (450 mg/100mL) + Tryptophan (66 mg/100mL) + Valine (840 mg/100mL)				
+	Cicatrín Powder	Cysteine (2 mg) + Bacitracin zinc (250 unit) + Glycine (10 mg) + Neomycin sulfate (3300 unit) + Threonine (1 mg)	Powder	Topical	Glaxosmithkline Inc	1987
+	Distilpure Msm	Cysteine (0.02 g/100g) + Biotin (0.02 g/100g) + Cystine (0.05 g/100g) + Methionine (0.02 g/100g) + Thiamine chloride (0.02 g/100g)	Powder	Topical	Mbg Inc (Korea Institute of Science Development)	2017

		+ Phenylalanine (0.32 g/100mL) + Proline (0.63 g/100mL) + Serine (0.33 g/100mL) + Threonine (0.2 g/100mL) + Tryptophan (0.09 g/100mL) + Valine (0.88 g/100mL)				
+ FreAmine III		Cysteine hydrochloride (0.016 g/100mL) + Alanine (0.71 g/100mL) + Arginine (0.95 g/100mL) + Glycine (1.4 g/100mL) + Histidine (0.28 g/100mL) + Isoleucine (0.69 g/100mL) + L- Lysine acetate (0.73 g/100mL) + Leucine (0.91 g/100mL) + Methionine (0.53 g/100mL) + Phenylalanine (0.56 g/100mL) + Phosphoric acid (0.12 g/100mL) + Proline (1.12 g/100mL) + Serine (0.59 g/100mL) + Threonine (0.4 g/100mL) + Tryptophan (0.15 g/100mL) + Valine (0.66 g/100mL)	Injection, solution	Intravenous	B. Braun Medical Inc.	1971

+ [Phenylalanine](#)
(0.56 g/100mL)
+ [Phosphoric acid](#) (0.12
g/100mL) +
[Proline](#) (1.12
g/100mL) +
[Serine](#) (0.59
g/100mL) +
[Threonine](#) (0.4
g/100mL) +
[Tryptophan](#)
(0.15 g/100mL)
+ [Valine](#) (0.66
g/100mL)

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