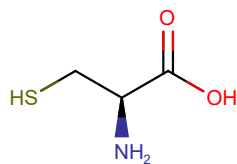


Description

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

[Cysteine hydrochloride](#)

UNII

[ZT934N0X4W](#)

CAS

7048-04-6

INCHI KEY

QIJRTFXNRT

Prescription Products

Show entries

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 STAR
+ 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)				
+ Cicatrin 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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