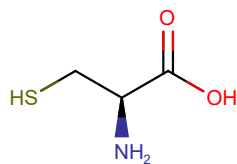


Description

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

Structure



3D

Download ▾



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
+ 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)

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.