



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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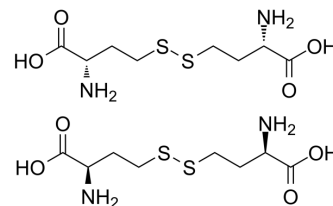
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DL-Homocystine

Cat. No.:	HY-W009390		
CAS No.:	870-93-9		
Molecular Formula:	C ₈ H ₁₆ N ₂ O ₄ S ₂		
Molecular Weight:	268.35		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

H₂O : 10 mg/mL (37.26 mM; ultrasonic and adjust pH to 11 with NaOH)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.7265 mL	18.6324 mL	37.2648 mL
	5 mM	0.7453 mL	3.7265 mL	7.4530 mL
	10 mM	0.3726 mL	1.8632 mL	3.7265 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

DL-Homocystine is the double-bonded form of homocysteine and homocysteine is recognized as an important substance in the pathogenesis and pathophysiology of schizophrenia.

IC₅₀ & Target

Human Endogenous Metabolite

REFERENCES

[1]. Brown AS, et al. Homocysteine and schizophrenia: from prenatal to adult life. Prog Neuropsychopharmacol Biol Psychiatry. 2005 Sep;29(7):1175-80.

Caution: Product has not been fully validated for medical applications. For research use only.

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