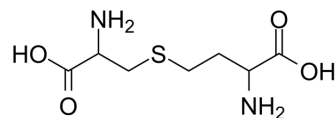


DL-Cystathionine

Cat. No.:	HY-W009749A
CAS No.:	535-34-2
Molecular Formula:	C ₇ H ₁₄ N ₂ O ₄ S
Molecular Weight:	222.26
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

1M HCL : 50 mg/mL (224.96 mM; Need ultrasonic and warming)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.4992 mL	22.4962 mL	44.9924 mL
	5 mM	0.8998 mL	4.4992 mL	8.9985 mL
	10 mM	0.4499 mL	2.2496 mL	4.4992 mL

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

BIOLOGICAL ACTIVITY

Description

DL-Cystathionine is a mixture of 4 isomers of cystathionine and allocystathionine. DL-Cystathionine also is an intermediate in the biosynthesis of amino acid cysteine^[1].

REFERENCES

[1]. P W Wong, et al. Tissue cystathionine in mice treated with cysteine and homoserine. *Pediatr Res.* 1972 Mar;6(3):172-81.

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

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