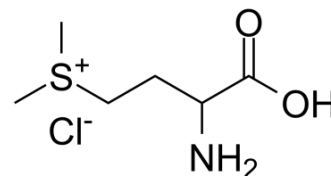


DL-Methionine methylsulfonium chloride

Cat. No.:	HY-N6655		
CAS No.:	3493-12-7		
Molecular Formula:	C ₆ H ₁₄ ClNO ₂ S		
Molecular Weight:	199.7		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

H₂O : 250 mg/mL (1251.88 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent		1 mg	5 mg	10 mg
	Concentration	Mass			
	1 mM		5.0075 mL	25.0376 mL	50.0751 mL
	5 mM		1.0015 mL	5.0075 mL	10.0150 mL
	10 mM		0.5008 mL	2.5038 mL	5.0075 mL

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

BIOLOGICAL ACTIVITY

Description

DL-methionine methylsulfonium chloride is a naturally occurring methionine derivative. DL-methionine methylsulfonium chloride protects gastric mucosal from ethanol-induced damage^[1].

REFERENCES

[1]. Salim AS. Role of sulfhydryl-containing agents in the healing of erosive gastritis and chronic gastric ulceration in the rat. J Pharm Sci. 1992 Jan;81(1):70-3.

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

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