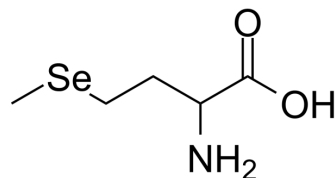


Selenomethionine

Cat. No.:	HY-B1000		
CAS No.:	1464-42-2		
Molecular Formula:	C ₅ H ₁₁ NO ₂ Se		
Molecular Weight:	196.11		
Target:	Autophagy; Endogenous Metabolite		
Pathway:	Autophagy; 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	H ₂ O : 12.5 mg/mL (63.74 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
Preparing Stock Solutions	1 mM	5.0992 mL	25.4959 mL	50.9918 mL
	5 mM	1.0198 mL	5.0992 mL	10.1984 mL
	10 mM	0.5099 mL	2.5496 mL	5.0992 mL
Please refer to the solubility information to select the appropriate solvent.				
In Vivo	1. Add each solvent one by one: PBS Solubility: 10 mg/mL (50.99 mM); Clear solution; Need ultrasonic and warming and heat to 60°C			

BIOLOGICAL ACTIVITY

Description	Selenomethionine is a naturally occurring amino acid containing selenium, is a common natural food source of selenium.
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CUSTOMER VALIDATION

- Redox Biol. 2024 Apr, 70, 103024.
- Free Radic Biol Med. 2023 Jun 20;205:291-304.
- Front Immunol. 2023 Jul 20;14:1171150.
- Oxid Med Cell Longev. 2022 Apr 11;2022:7531788.

See more customer validations on www.MedChemExpress.com

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