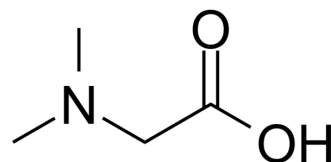


N-Methylsarcosine

Cat. No.:	HY-Y0511		
CAS No.:	1118-68-9		
Molecular Formula:	C ₄ H ₉ NO ₂		
Molecular Weight:	103.12		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 100 mg/mL (969.74 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	9.6974 mL	48.4872 mL	96.9744 mL
		5 mM	1.9395 mL	9.6974 mL	19.3949 mL
10 mM		0.9697 mL	4.8487 mL	9.6974 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: PBS Solubility: 100 mg/mL (969.74 mM); Clear solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	N-Methylsarcosine is an amino acid building block for protein, found in a small amount in the body.	
IC₅₀ & Target	Microbial Metabolite	Human Endogenous Metabolite

CUSTOMER VALIDATION

- FASEB J. 2022 May;36(5):e22305.

See more customer validations on www.MedChemExpress.com

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

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