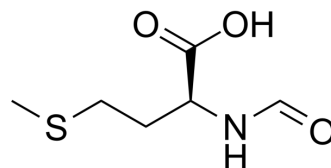


For-Met-OH

Cat. No.:	HY-W016647		
CAS No.:	4289-98-9		
Molecular Formula:	C ₆ H ₁₁ NO ₃ S		
Molecular Weight:	177.22		
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

DMSO : 100 mg/mL (564.27 mM; Need ultrasonic)
 H₂O : 50 mg/mL (282.14 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
	1 mM		5.6427 mL	28.2135 mL	56.4270 mL
	5 mM		1.1285 mL	5.6427 mL	11.2854 mL
	10 mM		0.5643 mL	2.8214 mL	5.6427 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 6.25 mg/mL (35.27 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (14.11 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (14.11 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

For-Met-OH is an endogenous metabolite.

IC₅₀ & Target

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

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