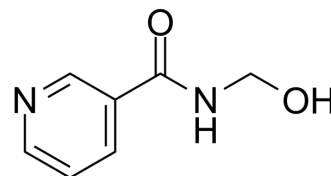


N-(Hydroxymethyl)nicotinamide

Cat. No.:	HY-116993		
CAS No.:	3569-99-1		
Molecular Formula:	C ₇ H ₈ N ₂ O ₂		
Molecular Weight:	152.15		
Target:	Bacterial		
Pathway:	Anti-infection		
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 (657.25 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
Preparing Stock Solutions	1 mM	6.5725 mL	32.8623 mL	65.7246 mL
	5 mM	1.3145 mL	6.5725 mL	13.1449 mL
	10 mM	0.6572 mL	3.2862 mL	6.5725 mL
Please refer to the solubility information to select the appropriate solvent.				
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (16.43 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (16.43 mM); Clear solution 			

BIOLOGICAL ACTIVITY

Description	N-(Hydroxymethyl)nicotinamide is an antimicrobial agent ^[1] .
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REFERENCES

[1]. Zhang HK, et, al. [Study on the synthesis of N-hydroxymethyl-nicotinamide]. Yao Xue Xue Bao. 1992; 27(8): 629-31.

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

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