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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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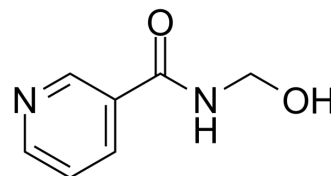
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N-(Hydroxymethyl)nicotinamide

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)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		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	1. 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					
	2. 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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