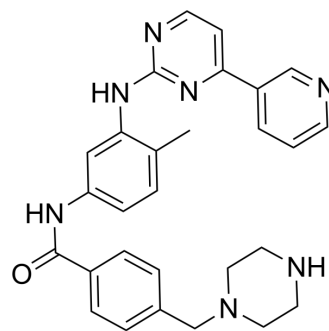


N-Desmethyl imatinib

Cat. No.:	HY-G0017		
CAS No.:	404844-02-6		
Molecular Formula:	C ₂₈ H ₂₉ N ₇ O		
Molecular Weight:	479.58		
Target:	Drug Metabolite		
Pathway:	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	DMSO : 100 mg/mL (208.52 mM; Need ultrasonic)			
		Solvent	Mass	
		Concentration	1 mg	5 mg
	Preparing Stock Solutions		10 mg	
	1 mM	2.0852 mL	10.4258 mL	20.8516 mL
	5 mM	0.4170 mL	2.0852 mL	4.1703 mL
	10 mM	0.2085 mL	1.0426 mL	2.0852 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 (5.21 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	N-Desmethyl imatinib (Norimatinib) is a metabolite of Imatinib (HY-15463). Imatinib is a multi-target inhibitor of v-Abl, c-Kit and PDGFR ^[1] .
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REFERENCES

[1]. Robert A Parise, et al. Liquid chromatographic-mass spectrometric assay for quantitation of imatinib and its main metabolite (CGP 74588) in plasma. J Chromatogr B Analyt Technol Biomed Life Sci. 2003 Jul 5;791(1-2):39-44.

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

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