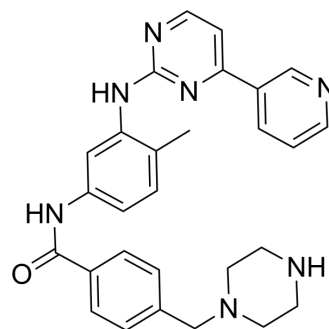


N-Desmethyl imatinib

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	1 mM	2.0852 mL	10.4258 mL
	5 mM	0.4170 mL	2.0852 mL	
	10 mM	0.2085 mL	1.0426 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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