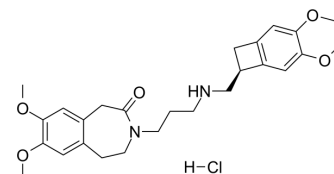


Ivabradine metabolite N-Demethyl Ivabradine hydrochloride

Cat. No.:	HY-12778
CAS No.:	1246638-08-3
Molecular Formula:	C ₂₆ H ₃₅ ClN ₂ O ₅
Molecular Weight:	491.02
Target:	Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 66.67 mg/mL (135.78 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	2.0366 mL	10.1829 mL	20.3658 mL
				5 mM	0.4073 mL	2.0366 mL	4.0732 mL
				10 mM	0.2037 mL	1.0183 mL	2.0366 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 (5.09 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.09 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	N-Demethyl Ivabradine Hcl is a metabolite of Ivabradine, which is a specific inhibitor of the funny channel.
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Caution: Product has not been fully validated for medical applications. For research use only.

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