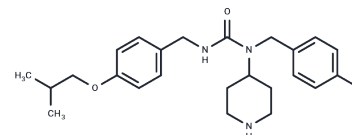


N-Desmethyl Pimavanserin

Chemical Properties

CAS No. :	639863-77-7
Formula:	C ₂₄ H ₃₂ FN ₃ O ₂
Molecular Weight:	413.53
Appearance:	no data available
Storage:	store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	N-Desmethyl Pimavanserin (AC-279) is the active metabolite of Pimavanserin, a 5-HT _{2A} receptor inverse agonist, which is used in the treatment of sleep disorders such as insomnia.
Targets(IC ₅₀)	5-HT Receptor
In vitro	For Pimavanserin and its metabolite N-Desmethyl Pimavanserin (AC-279), the mean plasma half-lives are 57 hours and 200 hours, respectively.

Solubility Information

Solubility	DMSO: 50 mg/mL (120.91 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4182 mL	12.091 mL	24.182 mL
5 mM	0.4836 mL	2.4182 mL	4.8364 mL
10 mM	0.2418 mL	1.2091 mL	2.4182 mL
50 mM	0.0484 mL	0.2418 mL	0.4836 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Vanover KE, et al. Pharmacological and behavioral profile of N-(4-fluorophenylmethyl)-N-(1-methylpiperidin-4-yl)-N'-(4-(2-methylpropyloxy)phenylmethyl) carbamide (2R,3R)-dihydroxybutanedioate (2:1) (ACP-103), a novel 5-

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