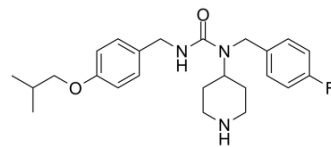


N-Desmethyl Pimavanserin

Cat. No.:	HY-135392
CAS No.:	639863-77-7
Molecular Formula:	C ₂₄ H ₃₂ N ₃ O ₂
Molecular Weight:	413.53
Target:	Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	N-Desmethyl Pimavanserin is the active metabolite of Pimavanserin. Pimavanserin is a selective inverse agonist of the 5-HT _{2A} receptor with pIC ₅₀ and pK _d of 8.73 and 9.3, respectively.
In Vitro	The mean plasma half-lives for Pimavanserin and its metabolite N-Desmethyl Pimavanserin (AC-279) are 57 hours and 200 hours, respectively.

REFERENCES

[1]. Vanover KE, et al. Pharmacological and behavioral profile of N-(4-fluorophenylmethyl)-N-(1-methylpiperidin-4-yl)-N'-(4-(2-methylpropoxy)phenylmethyl) carbamide (2R,3R)-dihydroxybutanedioate (2:1) (ACP-103), a novel 5-hydroxytryptamine(2A) receptor inverse agonist. *J Pharmacol Exp Ther.* 2006 May;317(2):910-8.

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

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