



Product Information

TRPM8 antagonist 2, Purity $\geq 98\%$

Cat. No.: X24-07-ZQ567

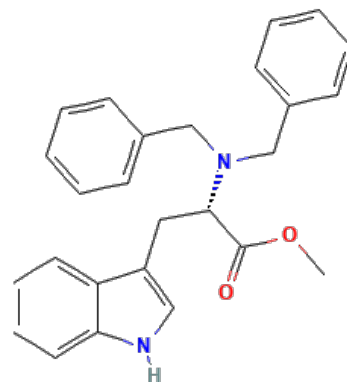
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 259674-19-6

Compound CID: 57055437

Synonym: 259674-19-6; TRPM8 antagonist

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	TRPM8 antagonist 2, soluble in DMSO and ethanol and insoluble in water, modulates the function of TRP channels, which are crucial for various physiological processes including sensation and thermoregulation.
Molecular Weight	398.5
Molecular Formula	C ₂₆ H ₂₆ N ₂ O ₂
IUPAC Name	Methyl (2S)-2-(dibenzylamino)-3-(1H-indol-3-yl)propanoate
InChI	InChI=1S/C26H26N2O2/c1-30-26(29)25(16-22-17-27-24-15-9-8-14-23(22)24)28(18-20-10-4-2-5-11-20)19-21-12-6-3-7-13-21/h2-15,17,25,27H,16,18-19H2,1H3/t25-/m0/s1
InChI Key	HHVOOJDLCVOLKI-VWLOTQADSA-N
Canonical SMILES	COC(=O)C(CC1=CNC2=CC=CC=C21)N(CC3=CC=CC=C3)CC4=CC=CC=C4
Isomeric SMILES	COC(=O)[C@H](CC1=CNC2=CC=CC=C21)N(CC3=CC=CC=C3)CC4=CC=CC=C4
Form	Lyophilized powder
Purity	$\geq 98\%$
Solubility	DMSO: 68 mg/mL (170.64 mM); Water: Insoluble; Ethanol: 19 mg/mL (47.67 mM)
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	TRPM8 antagonist 2 investigates and blocks the TRPM8 channels, which are implicated in the sensation of cold and pain pathways.



Storage

Store at -20°C, and keep desiccated.
