

Product Datasheet

CB1/2 agonist 4 (orb1687633)

Catalog Number	orb1687633
Category	Small Molecules
Description	CB1/2 agonist 4 is a potent cannabinoid receptor ligand, acting as a full CB1 agonist (EC50 = 15.09 nM) and a partial CB2 agonist (EC50 = 1.16 nM). It also demonstrates activity at TRPV1 receptors (EC50 = 0.12 μM). This profile supports its research use in studying pain, inflammation, and cannabinoid system signaling in cellular and animal models.
Target	Cannabinoid Receptor,Others
MW	431.65
CAS Number	2772949-38-7
Formula	C ₂₇ H ₄₅ NO ₃
SMILES	<chem>C(CCCCC)(C)(C)C1=CC(OCCCCCCCC(NC2CC2)=O)=CC(OC)=C1</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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