

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.

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)