

Product Datasheet

Cannabigerol (orb1297435)

Catalog Number	orb1297435
Category	Small Molecules
Description	Cannabigerol is a cannabinoid exhibiting high affinity for α 2-adrenergic receptors as an agonist, moderate affinity as a 5-HT1A antagonist, and low affinity for CB1 receptors. Its binding to CB2 receptors and ability to reduce intraocular pressure make it a compound of interest for glaucoma research in both in vitro and in vivo studies.
Target	ROS,NOS,5-HT Receptor
Purity	99.23% (May vary between batches)
MW	316.48
Target Areas	NOS 5-HT Receptor ROS
Solubility (25°C)	DMSO:65 mg/mL (205.38 mM)
CAS Number	25654-31-3
Formula	C ₂₁ H ₃₂ O ₂
SMILES	<chem>C(CCCC)C1=CC(O)=C(C/C=C(/CCC=C(C)C)\C)C(O)=C1</chem>
Storage	Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
Note	For research use only
Expiration Date	12 months from date of receipt.

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