

Product Datasheet

S1R agonist 2 (orb1745159)

Catalog Number	orb1745159
Category	Small Molecules
Description	S1R agonist 2 is a potent and selective sigma-1 receptor agonist, exhibiting high affinity for S1R (K _i = 1.1 nM) over S2R. It demonstrates neuroprotective properties in vitro against oxidative stress and excitotoxicity, making it a valuable research tool for studying neurodegenerative diseases and neuropharmacology.
Target	Sigma receptor,NMDAR,ROS
Purity	99.66% (May vary between batches)
MW	309.45
Target Areas	Sigma receptor NMDAR ROS
Solubility (25°C)	10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (6.46 mM);DMSO:50 mg/mL (161.58 mM)
CAS Number	150085-21-5
Formula	C ₂₁ H ₂₇ NO
SMILES	C(C1CCN(CCCOC2=CC=CC=C2)CC1)C3=CC=CC=C3
Storage	Pure form: -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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