

Product Datasheet

S1R agonist 1 hydrochloride (orb1944654)

Catalog Number	orb1944654
Category	Small Molecules
Description	Compound 6b hydrochloride is a potent and selective sigma-1 receptor (S1R) agonist with high affinity ($K_i = 0.93$ nM). It exhibits neuroprotective properties in vitro against oxidative stress and excitotoxicity, making it a valuable research tool for studying neurodegenerative diseases and neuropsychiatric disorders.
Target	Sigma receptor
MW	331.88
CAS Number	242487-82-7
Formula	$C_{20}H_{26}ClNO$
SMILES	<chem>Cl.O(C=1C=CC=CC1)CCN2CCC(CC=3C=CC=CC3)CC2</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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