

Product Datasheet

BP 897 hydrochloride (orb1308528)

Catalog Number	orb1308528
Category	Small Molecules
Description	BP 897 is a potent and selective dopamine D3 receptor agonist ($K_i = 0.92$ nM) with weak D2 receptor antagonism ($K_i = 61$ nM). It shows low affinity for D1 and D4 receptors. This profile makes it a valuable research tool for investigating D3 receptor function in neuropsychiatric disorders, including addiction and schizophrenia, in both in vitro and in vivo models.
Target	Dopamine Receptor
Purity	98.00% (May vary between batches)
MW	454
Target Areas	Dopamine Receptor
Solubility (25°C)	DMSO:9 mg/mL (19.82 mM)
CAS Number	314776-92-6
Formula	$C_{26}H_{32}ClN_3O_2$
SMILES	<chem>Cl.COc1cccc1N1CCN(CCCNC(=O)c2ccc3ccccc3c2)CC1</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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