

Product Datasheet

BP 897 (orb1218542)

Catalog Number	orb1218542
Category	Small Molecules
Description	2-Naphthalenecarboxamide, N-[4-[4-(2-methoxyphenyl)-1-piperazinyl]butyl]- is a potent and selective dopamine D3 receptor agonist, and a weak dopamine D2 receptor antagonist, with Kis of 0.92 nM and 61 nM for D3 and D2 receptors, and shows low affinities at D1 and D4 receptors (Kis, 3 and 0.3 µM, respectively).
Target	Dopamine Receptor
Purity	>98% (HPLC)
MW	417.55
Target Areas	D1 D2 D3 D4
Solubility (25°C)	DMSO:10 mM
CAS Number	192384-87-5
Formula	C ₂₆ H ₃₁ N ₃ O ₂
SMILES	<chem>O=C(C1=CC=C2C=CC=CC2=C1)NCCCCN3CCN(C4=CC=CC=C4OC)CC3</chem>
Storage	Storage temperature: -20°C. Stability: ≥ 2 years
Note	For research use only
Expiration Date	12 months from date of receipt.

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