

Product Datasheet

PD-168077 maleate (orb1302141)

Catalog Number	orb1302141
Category	Small Molecules
Description	PD-168077 maleate is a potent and selective dopamine D4 receptor agonist with a K_i of 9 nM. This compound is a valuable research tool for investigating D4 receptor function in neuropsychiatric disorders, utilized in both in vitro binding assays and in vivo behavioral studies.
Target	Dopamine Receptor
Purity	99.13% (May vary between batches)
MW	450.49
Target Areas	Dopamine Receptor
Solubility (25°C)	DMSO:150 mg/mL (332.97 mM);10% DMSO+40% PEG300+5% Tween 80+45% Saline:4 mg/mL (8.88 mM)
CAS Number	630117-19-0
Formula	$C_{24}H_{26}N_4O_5$
SMILES	<chem>OC(=O)\C=C/C(O)=O.Cc1cccc(c1)C(=O)NCN1CCN(CC1)c1ccccc1C#N</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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