

Product Datasheet

Physostigmine Salicylate (orb1310908)

Catalog Number	orb1310908
Category	Small Molecules
Description	Physostigmine is a reversible cholinesterase inhibitor of natural origin, isolated from the Calabar bean. This parasympathomimetic alkaloid is widely used in research to study cholinergic signaling, with applications in both in vitro enzyme assays and in vivo models of neurodegenerative conditions.
Target	AChR,Cholinesterase (ChE)
Purity	99.86%
MW	413.48
Target Areas	AChR Cholinesterase (ChE)
Solubility (25°C)	10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (4.84 mM);DMSO:50 mg/mL (120.92 mM)
CAS Number	57-64-7
Formula	C ₂₂ H ₂₇ N ₃ O ₅
SMILES	OC(=O)c1ccccc1O.[H][C@]12N(C)CC[C@@]1(C)c1cc(OC(=O)NC)ccc1N2C
Storage	store at low temperature 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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