

Product Datasheet

nAChR agonist CMPI hydrochloride (orb1691069)

Catalog Number	orb1691069
Category	Small Molecules
Description	CMPI hydrochloride is a potent and selective positive allosteric modulator (PAM) targeting the $\alpha 4:\alpha 4$ interface of nicotinic acetylcholine receptors. It enhances ACh responses at $(\alpha 4)_3(\beta 2)_2$ nAChRs (EC50 0.26 μ M) and serves as a valuable research tool for studying nicotine dependence and neuropsychiatric disorders associated with cholinergic hypofunction in both in vitro and in vivo models.
Target	Others,AChR
MW	379.29
CAS Number	2250025-94-4
Formula	$C_{18}H_{20}Cl_2N_4O$
SMILES	<chem>Cl.Cc1c(cnn1C1CCNCC1)-c1cc(no1)-c1ccccc1Cl</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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