

Product Datasheet

A 582941 HCl (848591-90-2(free base)) (orb1298683)

Catalog Number	orb1298683
Category	Tools
Description	A-582941 is a potent and selective agonist of the $\alpha 7$ nicotinic acetylcholine receptor. It is utilized in neuroscience research to investigate cognitive function, with applications in both in vitro binding assays and in vivo models of learning and memory deficits.
Target	AChR
Purity	99.83%
MW	316.83
Target Areas	AChR
Solubility (25°C)	DMSO:12 mg/mL (37.88 mM)
Formula	$C_{17}H_{21}ClN_4$
SMILES	<chem>Cl.CN1C[C@H]2CN(C[C@H]2C1)c3ccc(nn3)c4ccccc4</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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