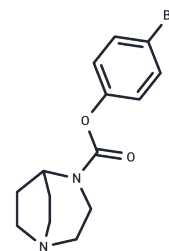


SSR 180

Chemical Properties

CAS No. : 298198-52-4
 Formula: C₁₄H₁₇BrN₂O₂
 Molecular Weight: 325.20
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	SSR 180 is a potent and subtype-selective $\alpha 7$ agonist with applications in the study of Alzheimer's disease and schizophrenia.
Targets(IC50)	Endogenous Metabolite, AChR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.075 mL	15.3752 mL	30.7503 mL
5 mM	0.615 mL	3.075 mL	6.1501 mL
10 mM	0.3075 mL	1.5375 mL	3.075 mL
50 mM	0.0615 mL	0.3075 mL	0.615 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Biton B, et al. SSR180711, a novel selective $\alpha 7$ nicotinic receptor partial agonist: (I) binding and functional profile. *Neuropsychopharmacology*. 2007 Jan;32(1):1-16.

Pichat P, et al. SSR180711, a novel selective $\alpha 7$ nicotinic receptor partial agonist: (II) efficacy in experimental models predictive of activity against cognitive symptoms of schizophrenia. *Neuropsychopharmacology*. 2007 Jan; 32(1):17-34.

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