Product Data Sheet

Product Name: A 85380 dihydrochloride
Cat. No.: GC50088

Chemical Properties

Cas. No.	174740-86-4		
SMILES	[C@@H]1(COC2=CC=CN=C2)CCN1.Cl.Cl		
Formula	$C_9H_{12}N_2O.2HCl$	M.Wt	237.13
Solubility	Soluble in DMSO	Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 ℃ and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20℃ for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		
Structure	A 85380 dihydrochloride		

Background

High affinity and selective α4β2 nACh receptor agonist (Ki values are 0.05, 148 and 314 nM for α4β2, α7 and α1β1δγ receptors respectively). Stimulates cation efflux in K177 cells expressing α4β2.

Abreo et al (1996) Novel 3-Pyridyl ethers with subnanomolar affinity for central neuronal nicotinic acetylcholine receptors. J.Med.Chem. 39 817 PMID:8632405 |Sullivan et al (1996) A-85380 [3-(2(S)-azetidinylmethoxy) pyridine]: in vitro pharmacological properties of a novel, high affinity α4β2 nicotinic acetylcholine receptor ligand. Neuropharmacology 35 725 PMID:8887981

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA