

K 01-162

Chemical Properties

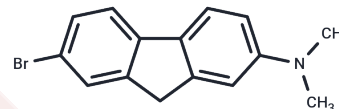
CAS No. : 677746-25-7

Formula: C₁₅H₁₄BrN

Molecular Weight: 288.18

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	K 01-162 binds and destabilizes A β O (β -amyloid), with an EC ₅₀ of 80 nM.
Targets(IC ₅₀)	Beta Amyloid,Others

Solubility Information

Solubility	DMSO: 14.29 mg/mL (49.59 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4701 mL	17.3503 mL	34.7005 mL
5 mM	0.694 mL	3.4701 mL	6.9401 mL
10 mM	0.347 mL	1.735 mL	3.4701 mL
50 mM	0.0694 mL	0.347 mL	0.694 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

Li J, et al. Alzheimer's disease drug candidates stabilize A- β protein native structure by interacting with the hydrophobic core. Biophys J. 2011 Feb 16;100(4):1076-82.

Hong HS, et al. Candidate anti-A beta fluorene compounds selected from analogs of amyloid imaging agents. Neurobiol Aging. 2010 Oct;31(10):1690-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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