

2002-H20

Chemical Properties

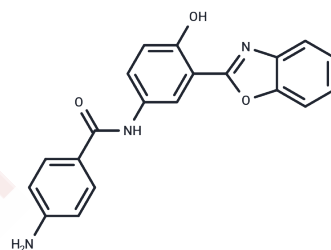
CAS No. : 351520-91-7

Formula: C₂₀H₁₅N₃O₃

Molecular Weight: 345.358

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	2002-H20 is an A β 42-induced cytotoxicity inhibitor. It acts by binding the Alzheimer's A β peptide and reducing its cytotoxicity.
Targets(IC50)	Beta Amyloid,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8955 mL	14.4776 mL	28.9553 mL
5 mM	0.5791 mL	2.8955 mL	5.7911 mL
10 mM	0.2896 mL	1.4478 mL	2.8955 mL
50 mM	0.0579 mL	0.2896 mL	0.5791 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

Chebaro Y, Jiang P, Zang T, Mu Y, Nguyen PH, Mousseau N, Derreumaux P. Structures of A β 17-42 trimers in isolation and with five small-molecule drugs using a hierarchical computational procedure. J Phys Chem B. 2012 Jul 26;116(29):8412-22. doi: 10.1021/jp2118778. Epub 2012 Feb 10. PubMed PMID: 22283547.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481