

TCS 183

Chemical Properties

CAS No. :

Formula: C58H96N20O20S

Molecular Weight: 1425.58

Keep away from moisture

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	TCS 183 can mimic the Akt phosphorylation site on GSK3 β preventing conditioning of LTD.
Targets(IC50)	Others

Solubility Information

Solubility	H2O: 1 mg/mL (0.7 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	0.7015 mL	3.5073 mL	7.0147 mL
5 mM	0.1403 mL	0.7015 mL	1.4029 mL
10 mM	0.0701 mL	0.3507 mL	0.7015 mL
50 mM	0.014 mL	0.0701 mL	0.1403 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

Peineau S, et al. LTP inhibits LTD in the hippocampus via regulation of GSK3 β . Neuron. 2007 Mar 1;53(5):703-17.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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