

WL 47 - dimer

Chemical Properties

CAS No. :

Formula: C80H130N24O18S4

Molecular Weight: 1844.3

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	High affinity caveolin-1 (CAV1) ligand (Kd = 23 nM); disrupts caveolin-1 oligomers. Exhibits selectivity for CAV1 over BSA, casein and HEWL.
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Solubility Information

Solubility	H2O: 1 mg/mL (0.54 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	0.5422 mL	2.7111 mL	5.4221 mL
5 mM	0.1084 mL	0.5422 mL	1.0844 mL
10 mM	0.0542 mL	0.2711 mL	0.5422 mL
50 mM	0.0108 mL	0.0542 mL	0.1084 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

Gilliam et al (2016) Affinity-Guided Design of Caveolin-1 Ligands for Deoligomerization. J.Med.Chem. 59 4019
PMID:

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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