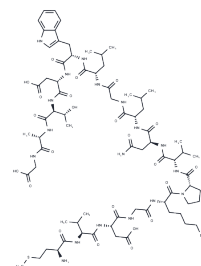


Rac1 Inhibitor W56

Chemical Properties

CAS No. :	1095179-01-3
Formula:	C74H117N19O23S
Molecular Weight:	1671.93
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Rac1 Inhibitor W56 is a peptide consisting of residues 45-60 of the guanine nucleotide exchange factor (GEF) recognition/activation site of Rac1. It selectively inhibits Rac1 interaction with Rac1-specific GEFs TrioN, GEF-H1, and Tiam1.
Targets(IC50)	Ras

Solubility Information

Solubility	PBS (pH 7.4): 2 mg/mL (1.2 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	0.5981 mL	2.9906 mL	5.9811 mL
5 mM	0.1196 mL	0.5981 mL	1.1962 mL
10 mM	0.0598 mL	0.2991 mL	0.5981 mL
50 mM	0.012 mL	0.0598 mL	0.1196 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

Gao et al (2001) Trp56 of Rac1 specifies interaction with a subset of guanine nucleotide exchange factors. J.Biol. Chem. 276 47530 PMID:

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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