

Rac1 Inhibitor F56, control peptide acetate

Chemical Properties

CAS No. :

Formula: C74H120N18O25S

Molecular Weight: 1692.94

Met-Val-Asp-Gly-Lys-Pro-Val-Asn-
Leu-Gly-Leu-Phe-Asp-Thr-Ala-Gly(acetate salt)Storage: Keep away from moisture
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	Rac1 Inhibitor F56, control peptide acetate is a control peptide version of Rac1 Inhibitor; comprises residues 45-60 of Rac1 with Trp56 replaced by Phe. Does not affect GEF-Rac1 interaction.
Targets(IC50)	Rho

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5907 mL	2.9534 mL	5.9069 mL
5 mM	0.1181 mL	0.5907 mL	1.1814 mL
10 mM	0.0591 mL	0.2953 mL	0.5907 mL
50 mM	0.0118 mL	0.0591 mL	0.1181 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:

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