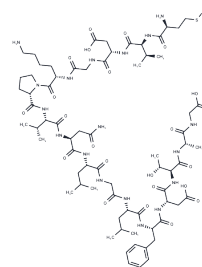


## Rac1 Inhibitor F56, control peptide

## Chemical Properties

CAS No. :	1315378-77-8
Formula:	C72H116N18O23S
Molecular Weight:	1632.89
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	Control peptide version of Rac1 Inhibitor; comprises residues 45-60 of Rac1 with Trp56 replaced by Phe. Does not affect GEF-Rac1 interaction.
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## Solubility Information

Solubility	H2O: 1 mg/mL (0.61 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	0.6124 mL	3.0621 mL	6.1241 mL
5 mM	0.1225 mL	0.6124 mL	1.2248 mL
10 mM	0.0612 mL	0.3062 mL	0.6124 mL
50 mM	0.0122 mL	0.0612 mL	0.1225 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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