

Rac1 Inhibitor W56 acetate(1095179-01-3 free base)

Chemical Properties

CAS No. :

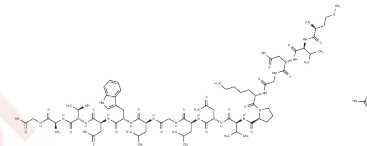
Formula: C76H121N19O25S

Molecular Weight: 1732.95

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 | Rac1 Inhibitor W56 acetate(1095179-01-3 free base) is a peptide comprising residues 45-60 of the guanine nucleotide exchange factor (GEF) recognition/activation site of Rac1. Rac1 Inhibitor W56 acetate(1095179-01-3 free base) selectively inhibits Rac1 interaction with Rac1-specific GEFs TrioN, GEF-H1 and Tiam1. |
| Targets(IC50) | Rho |

Solubility Information

| | |
|------------|---|
| Solubility | DMSO: 5 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 | 0.5771 mL | 2.8853 mL | 5.7705 mL |
| 5 mM | 0.1154 mL | 0.5771 mL | 1.1541 mL |
| 10 mM | 0.0577 mL | 0.2885 mL | 0.5771 mL |
| 50 mM | 0.0115 mL | 0.0577 mL | 0.1154 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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