

Y16 acetate(429653-73-6 free base)

Chemical Properties

CAS No. :

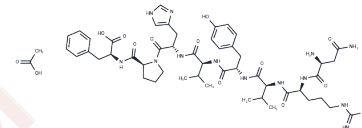
Formula: C₅₁H₇₄N₁₄O₁₃

Molecular Weight: 1091.24

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 Y16 acetate(429653-73-6 free base) is a G-protein-coupled Rho GEFs inhibitor; works synergistically with Rhosin/G04 in inhibiting LARG-RhoA interaction, RhoA activation, and RhoA-mediated signaling functions.

Targets(IC50) Rho

Solubility Information

Solubility DMSO: 10 mM, Sonication is recommended.
(< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9164 mL	4.5819 mL	9.1639 mL
5 mM	0.1833 mL	0.9164 mL	1.8328 mL
10 mM	0.0916 mL	0.4582 mL	0.9164 mL
50 mM	0.0183 mL	0.0916 mL	0.1833 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

Yoneda T, et al. The antiproliferative effects of tyrosine kinase inhibitors tyrphostins on a human squamous cell carcinoma in vitro and in nude mice. Cancer Res. 1991 Aug 15;51(16):4430-5.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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