

GTP-Binding Protein Fragment, G alpha

Chemical Properties

CAS No. :

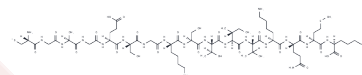
Formula: C66H118N20O23S2

Molecular Weight: 1623.89

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	Using specific antisera raised against synthetic peptides, we find that three distinct GTP-binding protein alpha subunits remain bound to the plasma membrane even after activation with nonhydrolyzable GTP analog. Trypsin cleaves each alpha subunit at a site near the amino-terminus and quantitatively releases the large fragment from the membrane. Previous results indicated that alpha subunits are essentially cytoplasmic proteins tethered to the inner surface of the membrane via an amino-terminal stalk.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: ≥ 162.3 mg/mL, 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	0.6158 mL	3.079 mL	6.1581 mL
5 mM	0.1232 mL	0.6158 mL	1.2316 mL
10 mM	0.0616 mL	0.3079 mL	0.6158 mL
50 mM	0.0123 mL	0.0616 mL	0.1232 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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