

## eukaryotic translation initiation factor 3

## Chemical Properties

CAS No. :

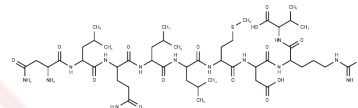
Formula: C47H84N14O14S

Molecular Weight: 1101.32

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	Eukaryotic initiation factors (eIF) are proteins involved in the initiation phase of eukaryotic translation. Eukaryotic translation initiation factor 3 binds to the ribosome subunit-mRNA complex. It has been implicated in preventing the large ribosomal subunit from binding the small subunit before it is ready to commence elongation.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: ≥110.1 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	0.908 mL	4.540 mL	9.080 mL
5 mM	0.1816 mL	0.908 mL	1.816 mL
10 mM	0.0908 mL	0.454 mL	0.908 mL
50 mM	0.0182 mL	0.0908 mL	0.1816 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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