

Hsp70-derived octapeptide

Chemical Properties

CAS No. : 736171-62-3

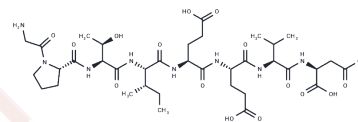
Formula: C₃₆H₅₈N₈O₁₆

Molecular Weight: 858.89

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	A group of tetratricopeptide repeat (TPR)-containing proteins has been shown to interact with the C-terminal domain of the 70 kDa heat-shock cognate protein (hsc70). In the present study, the effect of the TPR-containing proteins, including the C-terminus of hsc70-interacting protein (CHIP), TPR1 and human glutamine-rich TPR-containing protein (hSGT), on refolding of luciferase by DnaJ and hsc70 was investigated.
Targets(IC50)	HSP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1643 mL	5.8215 mL	11.6429 mL
5 mM	0.2329 mL	1.1643 mL	2.3286 mL
10 mM	0.1164 mL	0.5821 mL	1.1643 mL
50 mM	0.0233 mL	0.1164 mL	0.2329 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

Tutar Y, et al. Primate chaperones Hsc70 (constitutive) and Hsp70 (induced) differ functionally in supporting growth and prion propagation in *Saccharomyces cerevisiae*. *Genetics*. 2006 Feb;172(2):851-61.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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