

## Hsp70-derived octapeptide acetate

## Chemical Properties

CAS No. :

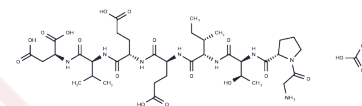
Formula: C<sub>38</sub>H<sub>62</sub>N<sub>8</sub>O<sub>18</sub>

Molecular Weight: 918.94

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	Hsp70-derived octapeptide acetate (Hsp70-derived octapeptide acetate) is 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)	Others

## Solubility Information

Solubility	DMSO: Insoluble, H <sub>2</sub> O: Insoluble, ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0882 mL	5.4411 mL	10.8821 mL
5 mM	0.2176 mL	1.0882 mL	2.1764 mL
10 mM	0.1088 mL	0.5441 mL	1.0882 mL
50 mM	0.0218 mL	0.1088 mL	0.2176 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.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481