

Mast Cell Degranulating Peptide HR-2 acetate

Chemical Properties

CAS No. :

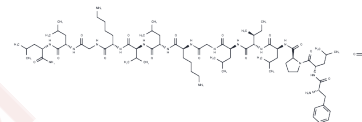
Formula: C79H139N17O16

Molecular Weight: 1583.08

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	Mast Cell Degranulating Peptide HR-2 acetate from giant hornet <i>Vespa orientalis</i> that has biological effects similar to mast cell degranulating peptide from bee venom.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 5 mM, 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	0.6317 mL	3.1584 mL	6.3168 mL
5 mM	0.1263 mL	0.6317 mL	1.2634 mL
10 mM	0.0632 mL	0.3158 mL	0.6317 mL
50 mM	0.0126 mL	0.0632 mL	0.1263 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

Tuřhibaev MU, et al. [Low molecular weight peptides from the venom of the giant hornet *Vespa orientalis*. Structure and function]. *Biokhimiia*. 1988 Feb;53(2):219-26.

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