
Product Data Sheet

Product Name: Mast Cell Degranulating Peptide HR-2

Cat. No.: GC36547

Chemical Properties

Cas. No. 80388-04-1

Formula $C_{77}H_{135}N_{17}O_{14}$ M.Wt 1523

Solubility Soluble in DMSO Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

Mast Cell Degranulating Peptide HR-2, a 14-membered linear peptide isolated from the venom of the giant hornet *Vespa orientalis*, is capable of degranulating mast cells and thus initiating histamine release[1].

[1]. Tu?chibaev 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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