

RVD-Hpα acetate(1193362-76-3 free base)

Chemical Properties

CAS No. :

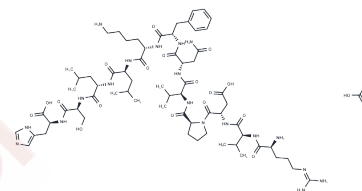
Formula: C67H109N19O19

Molecular Weight: 1484.71

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	RVD-Hpα acetate is the N-terminally extended form of human hemopressin that acts as a selective CB1 receptor agonist. Increases intracellular Ca ²⁺ levels in cells expressing CB1 receptors in vitro. Also high affinity CB2 positive allosteric modulator (K _i = 50 nM).
Targets(IC50)	Cannabinoid Receptor

Solubility Information

Solubility	DMSO: Insoluble, H ₂ O: 10 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	0.6735 mL	3.3677 mL	6.7353 mL
5 mM	0.1347 mL	0.6735 mL	1.3471 mL
10 mM	0.0674 mL	0.3368 mL	0.6735 mL
50 mM	0.0135 mL	0.0674 mL	0.1347 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

- Gomes et al (2009) Novel endogenous peptide agonists of cannabinoid receptors. FASEB J. 23 3020 PMID:
 Khurana et al (2017) Modulation of CB1 cannabinoid receptor by allosteric ligands: Pharmacology and therapeutic opportunities. Neuropharmacology 124 3 PMID:

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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