

Helospectin I

Chemical Properties

CAS No. : 93438-37-0

Formula:

Molecular Weight:

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	Helospectin I, a neuropeptide belonging to the vasoactive intestinal peptide (VIP) family, exhibits vasodilatory and antihypertensive properties, effectively reducing blood pressure. It was initially isolated from the salivary gland venom of the lizard <i>Heloderma suspectum</i> [1] [2].
Targets(IC50)	Glucagon Receptor
In vivo	Helospectin I, administered intravenously at doses ranging from 0.03 to 2 nmol/kg, lowers blood pressure in rats when infused at a volume of 100 μ L into the left jugular vein [2]. At a dosage of 0.1 to 0.8 nmol/kg, this compound also elevates plasma glucagon concentrations in mice [3].

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