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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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HS 014 acetate(207678-81-7 free base)

Chemical Properties

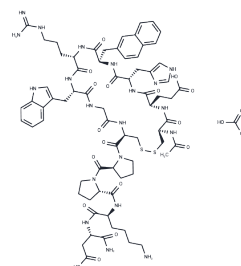
CAS No. :

Formula: C73H98N20O19S2

Molecular Weight: 1623.83

Appearance: no data available

Storage: keep away from moisture
Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	HS 014 acetate is a potent and selective melanocortin MC4 receptor antagonist (K _i values are 3.16, 108, 54.4 and 694 nM for cloned human MC4, MC1, MC3 and MC5 receptors respectively). Increases food intake in rats and nociception in mice following central administration in vivo. Also inhibits IL-1β-induced Fos expression in the paraventricular hypothalamus.
Targets(IC50)	Melanocortin Receptor

Solubility Information

Solubility	DMSO: 10 mM, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6158 mL	3.0791 mL	6.1583 mL
5 mM	0.1232 mL	0.6158 mL	1.2317 mL
10 mM	0.0616 mL	0.3079 mL	0.6158 mL
50 mM	0.0123 mL	0.0616 mL	0.1232 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.

Reference

Bellasio et al (2003) Melanocortin receptor agonists and antagonists modulate nociceptive sensitivity in the mouse formalin test. Eur.J.Pharmacol. 482 127 PMID:

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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