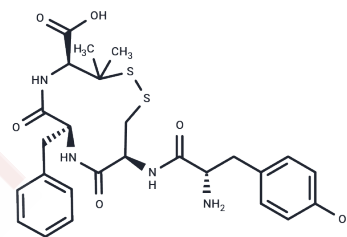


Jom 13

Chemical Properties

CAS No. :	117550-12-6
Formula:	C ₂₆ H ₃₂ N ₄ O ₆ S ₂
Molecular Weight:	560.68
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	Jom 13 is a selective tetrapeptide used as a cyclic delta receptor.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7835 mL	8.9177 mL	17.8355 mL
5 mM	0.3567 mL	1.7835 mL	3.5671 mL
10 mM	0.1784 mL	0.8918 mL	1.7835 mL
50 mM	0.0357 mL	0.1784 mL	0.3567 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

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- Mosberg HI, Fowler CB. Development and validation of opioid ligand-receptor interaction models: the structural basis of mu vs delta selectivity. *J Pept Res.* 2002 Dec;60(6):329-35. PubMed PMID: 12464111.
- Mosberg HI. Complementarity of delta opioid ligand pharmacophore and receptor models. *Biopolymers.* 1999;51(6):426-39. Review. PubMed PMID: 10797231.
- Mansour A, Taylor LP, Fine JL, Thompson RC, Hoversten MT, Mosberg HI, Watson SJ, Akil H. Key residues defining the mu-opioid receptor binding pocket: a site-directed mutagenesis study. *J Neurochem.* 1997 Jan;68(1):344-53. PubMed PMID: 8978745.

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