

DAMGO (TFA)

Chemical Properties

CAS No.:	950492-85-0
Formula:	C ₂₈ H ₃₆ F ₃ N ₅ O ₈
Molecular Weight:	627.61
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	DAMGO is a selective peptide agonist of the μ -opioid receptor .
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Solubility Information

Solubility	H ₂ O: 125 mg/mL (199.17 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.593 mL	7.967 mL	15.933 mL
5 mM	0.319 mL	1.593 mL	3.187 mL
10 mM	0.159 mL	0.797 mL	1.593 mL
50 mM	0.032 mL	0.159 mL	0.319 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. FEBS Lett. 1995 Jan 2;357(1):93-7. Onogi T, et al. DAMGO, a mu-opioid receptor selective agonist, distinguishes between mu- and delta-opioid receptors around their first extracellular loops.

Inhibitors · Natural Compounds · Compound Libraries

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