

DAMGO (TFA)

Chemical Properties

CAS No. : 950492-85-0

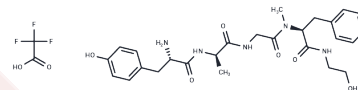
Formula: C₂₈H₃₆F₃N₅O₈

Molecular Weight: 627.61

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	DAMGO is a selective peptide agonist of the μ -opioid receptor .
Targets(IC50)	Opioid Receptor

Solubility Information

Solubility	H ₂ O: 125 mg/mL (199.17 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5933 mL	7.9667 mL	15.9335 mL
5 mM	0.3187 mL	1.5933 mL	3.1867 mL
10 mM	0.1593 mL	0.7967 mL	1.5933 mL
50 mM	0.0319 mL	0.1593 mL	0.3187 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

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481