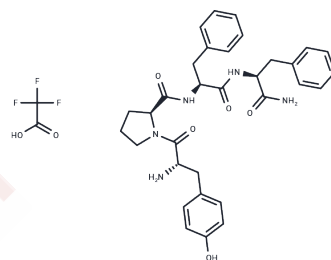


Endomorphin 2 TFA

Chemical Properties

CAS No. :	1276124-00-5
Formula:	C34H38F3N5O7
Molecular Weight:	685.69
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Endomorphin 2 TFA, displays reasonable affinities for kappa3 binding sites, with Ki value between 20 and 30 nM. a high affinity, highly selective agonist of the μ -opioid receptor,
Targets(IC50)	Opioid Receptor

Solubility Information

Solubility	H2O: 62.5 mg/mL (91.15 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4584 mL	7.2919 mL	14.5838 mL
5 mM	0.2917 mL	1.4584 mL	2.9168 mL
10 mM	0.1458 mL	0.7292 mL	1.4584 mL
50 mM	0.0292 mL	0.1458 mL	0.2917 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

Goldberg IE, et al. Pharmacological characterization of endomorphin-1 and endomorphin-2 in mouse brain. J Pharmacol Exp Ther. 1998 Aug;286(2):1007-13.

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