

Bilaid A1e

Chemical Properties

CAS No. : 2393866-02-7

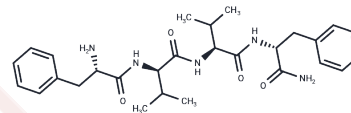
Formula: C₂₈H₃₉N₅O₄

Molecular Weight: 509.64

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	Bilaid A1e (Compound 1e) is a tetrapeptide agonist of the μ -opioid receptor with a K_i of 750 nM. This compound is derived from a <i>Penicillium</i> sp. strain found in Australian estuaries and is utilized in pain research.
Targets(IC ₅₀)	Opioid Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9622 mL	9.8108 mL	19.6217 mL
5 mM	0.3924 mL	1.9622 mL	3.9243 mL
10 mM	0.1962 mL	0.9811 mL	1.9622 mL
50 mM	0.0392 mL	0.1962 mL	0.3924 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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