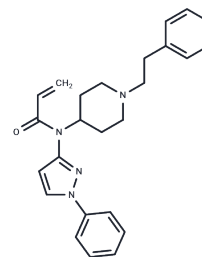


IQMF-4

## Chemical Properties

CAS No. : 497100-48-8  
 Formula: C<sub>25</sub>H<sub>28</sub>N<sub>4</sub>O  
 Molecular Weight: 400.52  
 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	IQMF-4 is an opioid receptor agonist. Administered intraperitoneally (i.p.), it is less potent than fentanyl but more effective than morphine. This compound exhibits significant analgesic effects, has a unique peripheral component, and induces a lower level of dependence.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4968 mL	12.4838 mL	24.9675 mL
5 mM	0.4994 mL	2.4968 mL	4.9935 mL
10 mM	0.2497 mL	1.2484 mL	2.4968 mL
50 mM	0.0499 mL	0.2497 mL	0.4994 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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