

## KOR agonist 5

## Chemical Properties

CAS No. :

Formula: C38H38N2O5

Molecular Weight: 602.72

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	KOR agonist 5 (Compound 10a) is both a KOR/MOR modulator, exhibiting agonistic effects on KOR and antagonistic effects on MOR. It effectively blocks morphine-induced antinociception and gastrointestinal motility inhibition. KOR agonist 5 is applicable in research related to substance use disorder (SUD).
Targets(IC50)	Opioid Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6591 mL	8.2957 mL	16.5915 mL
5 mM	0.3318 mL	1.6591 mL	3.3183 mL
10 mM	0.1659 mL	0.8296 mL	1.6591 mL
50 mM	0.0332 mL	0.1659 mL	0.3318 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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