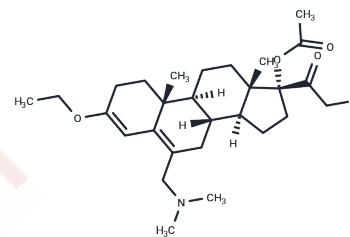


SC-17599

## Chemical Properties

CAS No. : 23775-92-0  
 Formula: C<sub>28</sub>H<sub>42</sub>FNO<sub>4</sub>  
 Molecular Weight: 475.64  
 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	SC-17599 exhibits dose-dependent analgesic effects in both the acetic acid-induced writhing test and the hot-water tail withdrawal test. This compound also induces a Straub tail reaction in a dose-dependent and naltrexone-sensitive manner, akin to morphine. However, unlike morphine, high doses of SC-17599 do not affect motor activity. Overall, SC-17599 demonstrates selective $\mu$ -opioid receptor agonism, showing behavior effects similar to morphine, with some differences.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1024 mL	10.5122 mL	21.0243 mL
5 mM	0.4205 mL	2.1024 mL	4.2049 mL
10 mM	0.2102 mL	1.0512 mL	2.1024 mL
50 mM	0.042 mL	0.2102 mL	0.4205 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.

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