

ADL-5859

Catalog No: tcsc0428



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

850173-95-4

Formula:

$C_{24}H_{29}ClN_2O_3$

Pathway:

GPCR/G Protein;Neuronal Signaling

Target:

Opioid Receptor;Opioid Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

428.95

Product Description

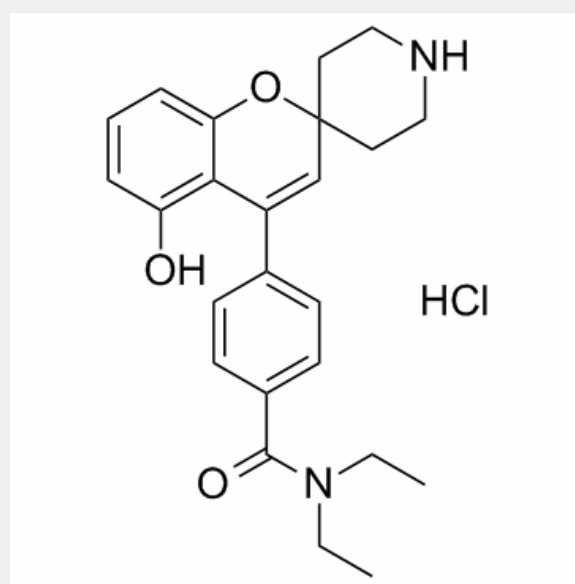
ADL5859 is a δ -opioid receptor agonist with K_i of 0.8 nM, selectivity against opioid receptor κ , μ , and weak inhibitory activity at the

hERG channel.

IC50 value: 0.8 nM(Ki)

Target: δ -opioid receptor

ADL-5859 (ADL5859) is an δ -opioid receptor agonist ($K_i=0.84$ nM, $EC_{50}=20$ nM). ADL-5859 (ADL5859) is an agonist agent that selectively stimulates the δ -opioid receptor with potential application in a wide range of inflammatory, neuropathic and acute pain conditions. In addition, Delta agonists are thought to modulate other biological processes that may manifest themselves in disease states or conditions such as overactive bladder and depression. ADL-5859 (ADL5859) is useful for inflammatory, neuropathic and acute pain conditions.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!