

LY2795050

Catalog No: tcsc1519



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

1346133-08-1

Formula:

$C_{23}H_{22}ClN_3O_2$

Pathway:

GPCR/G Protein;Neuronal Signaling

Target:

Opioid Receptor;Opioid Receptor

Purity / Grade:

>98%

Solubility:

DMSO : 83.3 mg/mL (204.22 mM; Need ultrasonic)

Observed Molecular Weight:

407.89

Product Description

LY2795050 is a novel selective κ -opioid Receptor (KOR) antagonist (IC₅₀=0.72 nM) and has the potential as a PET tracer to image

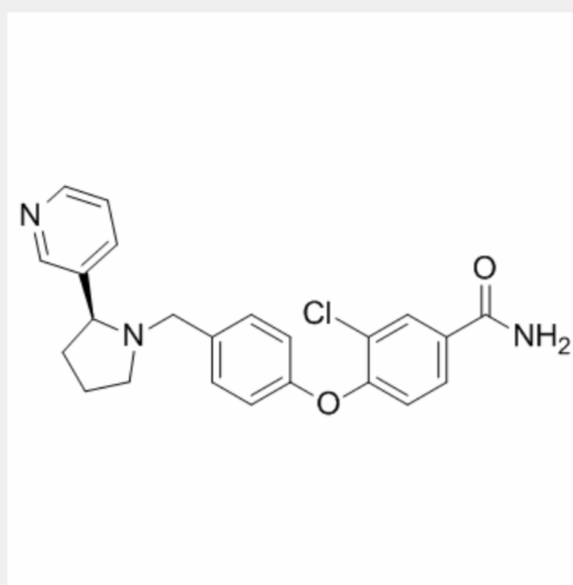
KOR in vivo.

IC50 Value: 0.72 nM (κ -opioid Receptor); 25.8 nM (κ -opioid) [1]

Target: κ -opioid Receptor

in vitro: LY2795050 displays full antagonist activity and high binding affinity and selectivity for KOR with a k_i value of 0.72 nM [1].

in vivo: In the brain, (11)C-LY2795050 displayed fast uptake kinetics (regional activity peak times of



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