

BML-190

Catalog No: tcsc0853



Available Sizes

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

2854-32-2

Formula:

$C_{23}H_{23}ClN_2O_4$

Pathway:

GPCR/G Protein

Target:

Cannabinoid Receptor

Purity / Grade:

>98%

Solubility:

DMSO : 50 mg/mL (117.13 mM; Need ultrasonic)

Alternative Names:

Indomethacin morpholinylamide;IMMA

Observed Molecular Weight:

426.89

Product Description

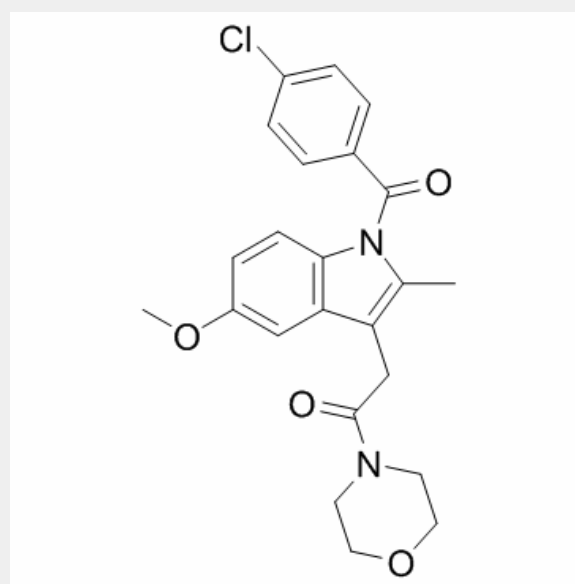
BML-190(IMMA) is a potent and selective CB2 receptor ligand (K_i values are 435 nM and $> 2 \mu\text{M}$ for CB2 and CB1 respectively).

IC50 Value: 435 nM(K_i CB2)

Target:CB2 receptor

in vitro: BML-190 increases the accumulation of cAMP, via forskolin-stimulated mechanism in HEK-293 cells. Alternate studies suggest that BML-190 reduces the toxicity of culture supernatants to SH-SY5Y human neuroblastoma cells. Various research suggests that BML-190 is an essential tool in studying the proliferation of neuroblastoma. BML-190 diminishes LPS-induced NO and IL-6 production in a concentration-dependent manner. BML-190 also inhibits LPS-induced PGE2 production and COX-2 induction.

in vivo:



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