

# 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

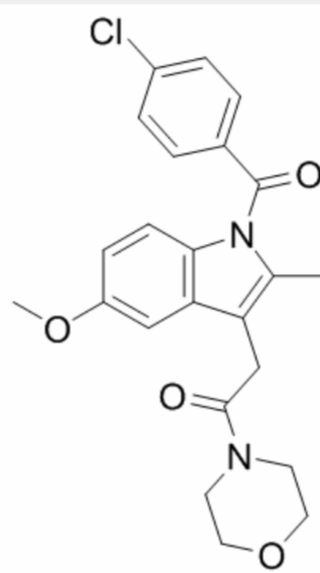
BML-190(IMMA) is a potent and selective CB2 receptor ligand ( $K_i$  values are 435 nM and  $> 2 \mu\text{M}$  for CB2 and CB1 respectively).

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!