

## Product Datasheet

### BML-190 (orb1222417)

<b>Catalog Number</b>	orb1222417
<b>Category</b>	Small Molecules
<b>Description</b>	BML-190, also known as IMMA and LM-4131 or Indomethacin Morpholinylamide, is selective CB2 receptor agonist. The binding constant for the CB2 receptor is 435 nM compared to >20,000 nM for the cannabinoid receptor, CB1. BML-190 reduces the basal levels of inositol phosphate production in cells expressing the CB(2) receptor and 16z44. BML-190 acts as inverse agonist at the human CB(2) receptor acting via G alpha(i/o) and G alpha(q) family-coupled pathways.
<b>Target</b>	NF-kB
<b>Purity</b>	>98% (HPLC)
<b>MW</b>	426.89
<b>Target Areas</b>	CB2
<b>Solubility (25°C)</b>	DMSO : 50 mg/mL 117.13 mM;
<b>CAS Number</b>	2854-32-2
<b>Formula</b>	C <sub>23</sub> H <sub>23</sub> ClN <sub>2</sub> O <sub>4</sub>
<b>SMILES</b>	<chem>Cc1c(c2c(n1C(=O)c1ccc(cc1)Cl)ccc(c2)OC)CC(=O)N1CCOCC1</chem>
<b>Chemical Name</b>	2-[1-(4-chlorobenzoyl)-5-methoxy-2-methyl-1H-indol-3-yl]-1-(4-morpholinyl)-ethanone
<b>Storage</b>	Storage temperature: -20°C. Stability: ≥ 2 years
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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