

## Product Datasheet

### BML-190 (orb1300787)

<b>Catalog Number</b>	orb1300787
<b>Category</b>	Small Molecules
<b>Description</b>	BML-190 is a selective CB2 receptor inverse agonist with a $K_i$ of 435 nM, exhibiting 50-fold selectivity over the CB1 receptor. This compound is a valuable research tool for studying CB2 receptor function in both in vitro and in vivo models of inflammation and neuropathic pain.
<b>Target</b>	Cannabinoid Receptor
<b>Purity</b>	99.51% (May vary between batches)
<b>MW</b>	426.89
<b>Target Areas</b>	Cannabinoid Receptor
<b>Solubility (25°C)</b>	DMSO:21 mg/mL (49.19 mM);10% DMSO+90% Corn Oil:2 mg/mL (4.69 mM);H2O: 1 mg/mL (insoluble or slightly soluble);Ethanol: 1 mg/mL (insoluble or slightly soluble)
<b>CAS Number</b>	2854-32-2
<b>Formula</b>	$C_{23}H_{23}ClN_2O_4$
<b>SMILES</b>	<chem>COc1ccc2n(C(=O)c3ccc(Cl)cc3)c(C)c(CC(=O)N3CCOCC3)c2c1</chem>
<b>Storage</b>	Powder: -20°C for 3 years   In solvent: -80°C for 1 year   Shipping with blue ice/Shipping at ambient temperature.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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