

## Product Datasheet

### CID 16020046 (orb1302824)

<b>Catalog Number</b>	orb1302824
<b>Category</b>	Small Molecules
<b>Description</b>	CID 16020046 is a potent and selective antagonist of the GPR55 receptor, demonstrating an IC <sub>50</sub> of 0.15 μM against its constitutive activity in a yeast-based assay. This small molecule is a valuable research tool for investigating the role of GPR55 in various physiological and pathological processes, including cancer cell proliferation and neuropathic pain, in both in vitro and in vivo studies.
<b>Target</b>	Cannabinoid Receptor
<b>Purity</b>	99.03% (May vary between batches)
<b>MW</b>	425.44
<b>Target Areas</b>	Cannabinoid Receptor
<b>Solubility (25°C)</b>	10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (4.7 mM);DMSO:55 mg/mL (129.28 mM)
<b>CAS Number</b>	834903-43-4
<b>Formula</b>	C <sub>25</sub> H <sub>19</sub> N <sub>3</sub> O <sub>4</sub>
<b>SMILES</b>	<chem>Cc1ccc(cc1)-c1n[nH]c2C(=O)N(C(c12)c1cccc(O)c1)c1ccc(cc1)C(O)=O</chem>
<b>Storage</b>	-20°C
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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