

## Product Datasheet

### Melatonin receptor agonist 1 (orb1689533)

<b>Catalog Number</b>	orb1689533
<b>Category</b>	Small Molecules
<b>Description</b>	Compound 20c is a potent and selective melatonin receptor agonist, exhibiting high affinity for the MT2 subtype (K <sub>i</sub> = 108 nM) over MT1 (K <sub>i</sub> = 1140 nM). This small molecule is a valuable research tool for investigating circadian rhythms, sleep disorders, and neuroprotection in both in vitro and in vivo studies.
<b>Target</b>	Melatonin Receptor,Others
<b>MW</b>	273.33
<b>CAS Number</b>	2411150-76-8
<b>Formula</b>	C <sub>15</sub> H <sub>19</sub> N <sub>3</sub> O <sub>2</sub>
<b>SMILES</b>	<chem>C(CNC(CCC)=O)C=1C2=C(C=CC(OC)=C2)C=NN1</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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