

## Product Datasheet

### GLP-1R Agonist DMB (orb1693610)

<b>Catalog Number</b>	orb1693610
<b>Category</b>	Small Molecules
<b>Description</b>	DMB is a small molecule agonist of the human glucagon-like peptide-1 receptor (GLP-1R), exhibiting a binding affinity (K <sub>b</sub> ) of 26.3 nM. It serves as a valuable research tool for investigating GLP-1R signaling in metabolic studies, applicable in both in vitro assays and in vivo models of diabetes and obesity.
<b>Target</b>	Glucagon Receptor
<b>Purity</b>	99.52% (May vary between batches)
<b>MW</b>	348.25
<b>Target Areas</b>	Glucagon Receptor
<b>Solubility (25°C)</b>	DMSO:9 mg/mL (25.84 mM)
<b>CAS Number</b>	281209-71-0
<b>Formula</b>	C <sub>13</sub> H <sub>15</sub> Cl <sub>2</sub> N <sub>3</sub> O <sub>2</sub> S
<b>SMILES</b>	<chem>CC(C)(C)Nc1nc2cc(Cl)c(Cl)cc2nc1S(C)(=O)=O</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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