

## Product Datasheet

### GLP-1R agonist 3 (orb1686130)

<b>Catalog Number</b>	orb1686130
<b>Category</b>	Small Molecules
<b>Description</b>	GLP-1R agonist 3 is a potent, small molecule agonist derived from a thickened imidazole scaffold. It demonstrates significant activity in both in vitro receptor assays and in vivo models of metabolic disease, highlighting its research utility for studying type 2 diabetes and related pathways.
<b>Target</b>	Glucagon Receptor
<b>Purity</b>	97.19% (May vary between batches)
<b>MW</b>	553.58
<b>Target Areas</b>	Glucagon Receptor
<b>Solubility (25°C)</b>	DMSO:80 mg/mL (144.51 mM)
<b>CAS Number</b>	2428640-18-8
<b>Formula</b>	C <sub>31</sub> H <sub>28</sub> FN <sub>5</sub> O <sub>4</sub>
<b>SMILES</b>	<chem>C(N1C=2C(N=C1CN3CCC(=CC3)C=4N=C(OCC5=C(F)C=C(C#N)C=C5)C=CC4)=CC=C(C(O)=O)C2)[C@@H]6CCO6</chem>
<b>Storage</b>	-20°C
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713-2847  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)