

## Product Datasheet

### RP-001 hydrochloride (orb1708630)

<b>Catalog Number</b>	orb1708630
<b>Category</b>	Small Molecules
<b>Description</b>	RP-001 hydrochloride is a potent and selective S1P1 receptor agonist with picomolar activity (EC50 = 9 pM). It exhibits minimal activity at S1P2-S1P4 and moderate affinity for S1P5. This profile makes it a valuable research tool for investigating S1P1-mediated processes in immunology and inflammation, both in vitro and in vivo.
<b>Target</b>	LPL Receptor,Others
<b>MW</b>	468.93
<b>CAS Number</b>	1781880-34-9
<b>Formula</b>	C <sub>24</sub> H <sub>25</sub> ClN <sub>4</sub> O <sub>4</sub>
<b>SMILES</b>	Cl.N#CC=1C=C(C=CC1OC(C)C)C2=NC(=NO2)C=3C=CC=C4C3CCC4NCCC(=O)O
<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)