

## Product Datasheet

### (-)-5-HT2C agonist-3 (orb2665185)

|                       |   |
|-----------------------|---|
| <b>Catalog Number</b> | orb2665185  |
| <b>Category</b>       | Small Molecules   |
| <b>Description</b>    | (-)-19 is a selective 5-HT2C receptor agonist with a Gq signaling bias, showing EC50 values of 103 nM (5-HT2C), 570 nM (5-HT2B), and 72 nM (5-HT2A). It is a research tool used in vitro and in vivo for studying antipsychotic mechanisms and serotonin receptor pharmacology. |
| <b>Target</b>         | 5-HT Receptor   |
| <b>MW</b>             | 351.84  |
| <b>CAS Number</b>     | 2104810-16-2  |
| <b>Formula</b>        | C <sub>19</sub> H <sub>23</sub> ClFNO <sub>2</sub>  |
| <b>SMILES</b>         | <chem>C(NCC1=C(OC)C=CC=C1)[C@H]2[C@@H](C2)C3=C(OC)C=CC(F)=C3.Cl</chem>  |
| <b>Storage</b>        | -20°C   |
| <b>Note</b>           | For research use only   |

**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  
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)