

## Product Datasheet

### TGR5 agonist 3 (orb1944262)

|                        |                                                                                                                                                                                                                                                               |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog Number</b>  | orb1944262                                                                                                                                                                                                                                                    |
| <b>Category</b>        | Small Molecules                                                                                                                                                                                                                                               |
| <b>Description</b>     | Compound 8 is a cholic acid-derived small molecule that acts as a selective TGR5 agonist with an EC50 of 5 µM. This research tool is useful for investigating TGR5 receptor function in metabolic and inflammatory disease models, both in vitro and in vivo. |
| <b>Target</b>          | Others, GPCR19                                                                                                                                                                                                                                                |
| <b>MW</b>              | 464.68                                                                                                                                                                                                                                                        |
| <b>CAS Number</b>      | 2148317-51-3                                                                                                                                                                                                                                                  |
| <b>Formula</b>         | C <sub>28</sub> H <sub>48</sub> O <sub>5</sub>                                                                                                                                                                                                                |
| <b>SMILES</b>          | <chem>C(CCC)[C@]1(O)[C@@]2([C@@]([C@]3(C)[C@](C1)(C[C@H](O)CC3)[H]))(C[C@H](O)[C@@]4(C)[C@]2(CC[C@@]4([C@@H](CCC(O)=O)C)[H])[H])[H]</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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