

## Product Datasheet

### TR $\beta$ agonist 3 (orb1689108)

|                        |  |
|------------------------|--|
| <b>Catalog Number</b>  | orb1689108   |
| <b>Category</b>        | Small Molecules  |
| <b>Description</b>     | TR $\beta$ agonist 3 is a novel, potent, and selective thyromimetic compound targeting the thyroid hormone receptor beta (TR $\beta$ ). In vitro studies demonstrate its ability to reduce hepatic lipid accumulation and promote lipolysis in HepG2 cells, supporting its research application in investigating metabolic disorders such as NAFLD and dyslipidemia. |
| <b>Target</b>          | Thyroid hormone receptor(THR),Others   |
| <b>MW</b>              | 327.42   |
| <b>CAS Number</b>      | 2411099-46-0   |
| <b>Formula</b>         | C <sub>20</sub> H <sub>25</sub> NO <sub>3</sub>  |
| <b>SMILES</b>          | <chem>C(C1=C(C)C=C(OCC(O)=O)C=C1C)C2=CC(C(C)C)=C(N)C=C2</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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