

## Product Datasheet

### TGR5 Receptor Agonist 4 (orb1943763)

<b>Catalog Number</b>	orb1943763
<b>Category</b>	Small Molecules
<b>Description</b>	TGR5 Receptor Agonist 4 is a potent and selective small molecule agonist for the bile acid receptor TGR5, demonstrating EC50 values of 2 nM (hTGR5) and 3 nM (mTGR5). It is a valuable research tool for studying TGR5-mediated metabolic functions, including glucose homeostasis and body weight regulation, in both in vitro and in vivo models.
<b>Target</b>	Others, GPCR19
<b>MW</b>	470.95
<b>CAS Number</b>	1872436-42-4
<b>Formula</b>	C <sub>25</sub> H <sub>27</sub> ClN <sub>2</sub> O <sub>5</sub>
<b>SMILES</b>	<chem>C(OCC1=C(OC)C=CC=C1)(=O)C=2[C@@H](CC(=O)N(C[C@H]3CCCCO3)C2C)C=4C=CC(Cl)=NC4</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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