

Product Datasheet

THR-β agonist 11 (orb3173236)

Catalog Number	orb3173236
Category	Small Molecules
Description	THR-β agonist 11 is an orally active and selective thyroid hormone receptor (THR-β) agonist. It demonstrates robust cholesterol-lowering effects in cholesterol-fed rats. In a high-fat diet-carbon tetrachloride (HFD-CCl ₄) induced model of metabolic dysfunction-associated steatohepatitis (MASH) in mice, THR-β agonist 11 significantly reduces serum total triglycerides (TG), low-density lipoprotein cholesterol (LDL-cholesterol), liver total cholesterol (TC), and TG levels. Additionally, it alleviates hepatic steatosis, inflammation, and fibrosis. THR-β agonist 11 is applicable in the study of MASH and other fibrotic diseases.
Target	Thyroid hormone receptor(THR)
MW	516.96
CAS Number	3051970-23-8
Formula	C ₂₆ H ₃₀ ClN ₂ O ₅ P
SMILES	<chem>C(OC1=CC(C)=C(CC=2C=C(C(C)C)C(=O)NN2)C(C)=C1)P3(=O)O[C@@H](CCO3)C4=CC(Cl)=CC=C4</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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