

Product Datasheet

MB-07811 (orb1308058)

Catalog Number	orb1308058
Category	Small Molecules
Description	MB-07811 (VK-2809) is an orally administered HepDirect prodrug of the active compound MB07344. It functions as a liver-selective thyroid hormone receptor beta (THR- β) agonist, demonstrated in research to effectively lower serum cholesterol and triglyceride levels in preclinical studies.
Target	Thyroid hormone receptor(THR)
Purity	99.94% (May vary between batches)
MW	514.98
Target Areas	Thyroid hormone receptor(THR)
Solubility (25°C)	10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (3.88 mM);DMSO:45 mg/mL (87.38 mM)
CAS Number	852948-13-1
Formula	C ₂₈ H ₃₂ ClO ₅ P
SMILES	<chem>C(OC1=CC(C)=C(CC2=CC(C(C)C)=C(O)C=C2)C(C)=C1)P3(=O)O[C@@H](CCO3)C4=CC(Cl)=CC=C4</chem>
Storage	Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
Note	For research use only
Expiration Date	12 months from date of receipt.

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