

Product Datasheet

BAR502 (orb1296098)

Catalog Number	orb1296098
Category	Small Molecules
Description	BAR502 is a dual agonist targeting both the GPBAR1 (TGR5) and FXR receptors, with respective IC50 values of 0.4 µM and 2 µM. This small molecule is a valuable research tool for investigating metabolic and inflammatory pathways in both in vitro and in vivo models of liver and intestinal diseases.
Target	Autophagy,FXR,GPCR19
Purity	99.95% (May vary between batches)
MW	392.62
Target Areas	Autophagy GPCR19 FXR
Solubility (25°C)	DMF:48 mg/mL (122.26 mM)
CAS Number	1612191-86-2
Formula	C ₂₅ H ₄₄ O ₃
SMILES	<chem>CC[C@@H]1[C@@H](O)[C@H]2[C@@H]3CC[C@H]([C@H](C)CCO)[C@@]3(C)CC[C@@H]2[C@@]2(C)CC[C@@H](O)C[C@@H]12</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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