

Product Datasheet

BAR 501 impurity (orb1298661)

Catalog Number	orb1298661
Category	Small Molecules
Description	BAR501 impurity is a GP-BAR1 (TGR5) receptor agonist, demonstrated by its ability to increase luciferase activity by 150% at 10 μM in reporter assays. This small molecule is a useful research tool for studying bile acid receptor signaling in metabolic and inflammatory disease models, both in vitro and in vivo.
Target	GPCR19,FXR
Purity	99.97% (May vary between batches)
MW	406.64
Target Areas	GPCR19 FXR
Solubility (25°C)	10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (4.92 mM);DMSO:25 mg/mL (61.48 mM)
CAS Number	1632118-70-7
Formula	C ₂₆ H ₄₆ O ₃
SMILES	<chem>C[C@@]12[C@@]3([C@]([C@]4([C@](C)(CC3)[C@@]([C@@H](CCCO)C)(CC4)[H])[H])([C@H](O)[C@@H](CC)[C@@]1(C[C@H](O)CC2)[H])[H])[H]</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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