

Product Datasheet

BAR501 (orb1303181)

Catalog Number	orb1303181
Category	Small Molecules
Description	BAR501 is a potent and selective agonist for the GPBAR1 receptor, exhibiting an EC ₅₀ of 1 μM. This small molecule is a valuable research tool for investigating GPBAR1's role in metabolic and inflammatory pathways, applicable in both in vitro and in vivo experimental models.
Target	GPCR19
Purity	99.68% (May vary between batches)
MW	406.64
Target Areas	GPCR19
Solubility (25°C)	10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (4.92 mM);DMSO:50 mg/mL (122.96 mM)
CAS Number	1632118-69-4
Formula	C ₂₆ H ₄₆ O ₃
SMILES	<chem>CC[C@@H]1[C@H](O)[C@H]2[C@@H]3CC[C@H]([C@H](C)CCCO)[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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