

## Product Datasheet

### BAR 501 impurity (orb1219471)

<b>Catalog Number</b>	orb1219471
<b>Category</b>	Small Molecules
<b>Description</b>	BAR501 impurity is an impurity found in the preparation of BAR501 that acts as an agonist of the G protein-coupled bile acid-activated receptor (GP-BAR1). BAR501 impurity (10 µM) induces a 150% increase in luciferase activity in a GP-BAR1 reporter gene assay.
<b>Target</b>	GPCR19
<b>Purity</b>	>98% (HPLC)
<b>MW</b>	406.6
<b>Target Areas</b>	GPBAR1
<b>CAS Number</b>	1632118-70-7
<b>Formula</b>	C <sub>26</sub> H <sub>46</sub> O <sub>3</sub>
<b>SMILES</b>	<chem>[H][C@@]12CC[C@H]([C@H](C)CCO)[C@@]1(C)CC[C@@]1([H])[C@@]2([H])[C@H](O)[C@@H](CC)[C@]2([H])C[C@H](O)CC[C@]12C</chem>
<b>Storage</b>	Storage temperature: -20°C. Stability: ≥ 2 years
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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