

## Product Datasheet

### BAR 501 (orb1223256)

<b>Catalog Number</b>	orb1223256
<b>Category</b>	Small Molecules
<b>Description</b>	BAR-501 is a selective GPBAR1 agonist devoid of any FXR agonistic activity. BAR501 effectively reduced hepatic perfusion pressure and counteracted the vasoconstriction activity of norepinephrine. BAR501 rescues from endothelial dysfunction in rodent models of portal hypertension by exerting genomic and non-genomic effects on CSE, eNOS and ET-1 in liver sinusoidal cells.
<b>Target</b>	Monocarboxylate Transporter
<b>Purity</b>	>98% (HPLC)
<b>MW</b>	406.65
<b>Target Areas</b>	GPBAR1
<b>Solubility (25°C)</b>	DMSO : ≥ 50 mg/mL. 122.96 mM
<b>CAS Number</b>	1632118-69-4
<b>Formula</b>	C <sub>26</sub> H <sub>46</sub> O <sub>3</sub>
<b>SMILES</b>	CC[C@H]1[C@@H]2C[C@@H](CC[C@@]2([C@H]2CC[C@]3([C@H]([C@@H]2[C@H]1O)CC[C@@H]3[C@H](C)CCCO)C)C)O
<b>Chemical Name</b>	(3R,5S,6S,7S,8S,9S,10S,13R,14S,17R)-6-ethyl-17-((R)-5-hydroxypentan-2-yl)-10,13-dimethylhexadecahydro-1H-cyclopenta[a]phenanthrene-3,7-diol
<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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