
Product Data Sheet

Product Name: BAR501 Impurity

Cat. No.: GC18313

Chemical Properties

Cas. No. 1632118-70-7

Chemical Name (3 α ,5 β ,6 β ,7 α)-6-ethyl-cholane-3,7,24-triolSMILES C[C@H](CCCO)[C@@]1([H])CC[C@@]2([H])[C@]3([H])[C@H](O)[C@@H](CC)[C@]4([H])C[C@H](O)CC[C@]4(C)[C@@]3([H])CC[C@@]21CFormula C₂₆H₄₆O₃ M.Wt 406.6Solubility DMSO : \geq 50 mg/mL (122.96 mM) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

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 μ M) induces a 150% increase in luciferase activity in a GP-BAR1 reporter gene assay.

Caution: Product has not been fully validated for medical applications. For research use only.

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