

Product Datasheet

BAR502 (orb1220192)

Catalog Number	orb1220192
Category	Small Molecules
Description	<p>BAR502 is a truncated side chain alcohol with both substituents on ring B in α-configuration. At the concentration of 10 μM, BAR502 fails to transactivate GR, PPARγ, and LXR, respectively, but it transactivates the nuclear receptor PXR. BAR502 is able to induce the expression of pro-glucagon mRNA in GLUTAg cells, an intestinal endocrine cell line, as well as to increase cAMP concentrations in THP-1 cells. BAR502 induces the expression of OSTα, BSEP, and SHP in HepG2 cells. BAR502 shows a very potent activity in the recruitment of SRC-1 coactivator and high affinity to FXR.</p>
Target	GPCR19
Purity	>98% (HPLC)
MW	392.62
Solubility (25°C)	Ethanol : 100 mg/mL (254.70 mM; Need ultrasonic) □ DMF : 50 mg/mL (127.35 mM; Need ultrasonic)
CAS Number	1612191-86-2
Formula	C??H??O?
SMILES	<chem>C[C@H](CCO)[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@@]21C</chem>
Storage	Storage temperature: -20°C. Stability: \geq 2 years
Note	For research use only
Expiration Date	12 months from date of receipt.

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