

## Product Datasheet

### FXR agonist 5 (orb1982262)

<b>Catalog Number</b>	orb1982262
<b>Category</b>	Small Molecules
<b>Description</b>	FXR agonist 5 is a synthetic small molecule activator of the Farnesoid X receptor (FXR). It is a valuable research tool for investigating liver diseases and metabolic inflammation, facilitating both in vitro mechanistic studies and in vivo preclinical models of cholestasis and NASH.
<b>Target</b>	FXR
<b>Purity</b>	99.74%
<b>MW</b>	683.88
<b>Target Areas</b>	FXR
<b>Solubility (25°C)</b>	DMSO:100 mg/mL (146.22 mM)
<b>CAS Number</b>	2414008-05-0
<b>Formula</b>	C <sub>40</sub> H <sub>53</sub> N <sub>5</sub> O <sub>5</sub>
<b>SMILES</b>	<chem>CC=1C=C(C23CCC(CN(C(=O)[C@@H]4CC[C@@H](OC(=O)N5CC(O)C5)CC4)C6=CC(=CC=N6)C7=CN(C(C)(C)N=C7)(CC2)CC3)C=CC1OC</chem>
<b>Storage</b>	store at low temperature   Powder: -20°C for 3 years   In solvent: -80°C for 1 year   Shipping with blue ice/Shipping at ambient temperature.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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