

Product Name	: INT-767
Synonyms	: INT767
Cat No.	: M10005
CAS Number	: 1000403-03-1
Molecular Formula	: C ₂₅ H ₄₃ NaO ₆ S
Formula Weight	: 494.66
Chemical Name	: 24-Norcholane-3,7,23-triol, 6-ethyl-, 23-(hydrogen sulfate), sodium salt (1:1), (3α,5β,6α,7α)-
Description	INT-767 is a potent, selective, dual farnesoid X receptor (FXR) and TGR5 agonist with EC₅₀ of 30 and 630 nM, respectively; fails to activate 15 other nuclear receptors involved in metabolic pathways, and does not inhibit cytochrome P450 enzymes; induces FXR-dependent lipid uptake by adipocytes and promotes TGR5-dependent glucagon-like peptide-1 (GLP-1) secretion by enteroendocrine cells; markedly decreases cholesterol and triglyceride levels in diabetic db/db mice. Fibrosis Phase 1 Clinical
Pathway	: Metabolic Enzyme/Protease
Target	: FXR
Receptor	: FXR
Solubility	: DMSO: ≥ 205.5 mg/mL
SMILES	: <chem>O[C@H]1CC[C@@]2(C)[C@H]([C@@H](CC)[C@H](O)[C@]3([H])[C@]2([H])CC[C@@]4(C)[C@@]3([H])CC[C@@]4([C@H](C)CCOS(=O)([O-])=O)[H])([H])C1.[Na+]</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Rizzo G, et al. Mol Pharmacol. 2010 Oct;78(4):617-30. | 2. Baghdasaryan A, et al. Hepatology. 2011 Oct;54(4):1303-1. | 3. McMahan RH, et al. J Biol Chem. 2013 Apr 26;288(17):11761-70. | 4. Wang XX, et al. J Biol Chem. 2017 Jul 21;292(29):12018-12024.