

Product Datasheet

Tropifexor (orb1302905)

Catalog Number	orb1302905
Category	Small Molecules
Description	Tropifexor (LJN452) is a potent, non-bile acid FXR agonist exhibiting an EC50 of 0.2 nM. It is utilized in research on metabolic diseases, including NASH and PBC, and has demonstrated efficacy in both in vitro assays and in vivo preclinical models of liver injury and fibrosis.
Target	Autophagy,FXR
Purity	99.85%
MW	603.58
Target Areas	Autophagy FXR
Solubility (25°C)	10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (3.31 mM);DMSO:63.75 mg/mL (105.62 mM)
CAS Number	1383816-29-2
Formula	C ₂₉ H ₂₅ F ₄ N ₃ O ₅ S
SMILES	OC(=O)c1cc(F)c2nc(sc2c1)N1[C@H]2CC[C@@H]1C[C@@H](C2)OCc1c(onc1-c1cccc1OC(F)(F)F)C1CC1
Storage	Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
Note	For research use only
Expiration Date	12 months from date of receipt.

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