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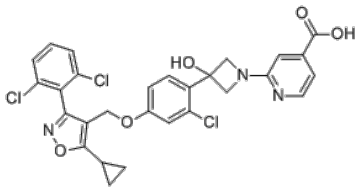
Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	Cilofexor
Cat. No.	:	PC-61368
CAS No.	:	1418274-28-8
Molecular Formula	:	$C_{28}H_{22}Cl_3N_3O_5$
Molecular Weight	:	586.85
Target	:	Farnesoid X Receptor (FXR)
Solubility	:	10 mM in DMSO



1. Gege C, et al. ***Curr Top Med Chem***. 2014;14(19):2143-58.
2. Trauner M, et al. ***Hepatology.*** 2019

Biological Activity

Cilofexor (GS-9674, GS9674, PX-104) is a potent, specific, non-steroidal **farnesoid X receptor (FXR)** agonist with EC50 of 43 nM.
Cilofexor (GS-9674) reduces liver fibrosis and ameliorates portal hypertension in rat NASH models.
Cilofexor (GS-9674) demonstrates anti-inflammatory and antifibrotic effects and reduced portal pressure in preclinical models of liver fibrosis.
Cilofexor (GS-9674) dose-dependently induces FXR target genes shp, cyp7a1 and fgf15 in hepatic and ileal tissues
Cilofexor (GS-9674) decreases portal hypertension and reduced liver fibrosis in NASH rats.

References

Sep;70(3):788-801.
3. Schwabl P, et al. ***Biomedicines.*** 2021 Jan 9;9(1):60.

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