

Product Information

Renin-angiotensin-aldosterone system (RAAS) inhibitor, Cilofexor, Purity $\geq 98\%$

Cat. No.: X24-09-YM308

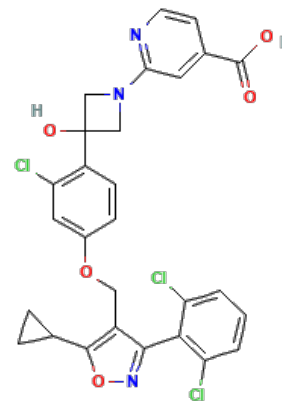
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 1418274-28-8

Compound CID: 71228883

Synonym: 1418274-28-8; GS-9674; GS9674; GS 9674; 2-[3-[2-Chloro-4-[[5-cyclopropyl-3-(2,6-dichlorophenyl)-1,2-oxazol-4-yl]methoxy]phenyl]-3-hydroxyazetid-1-yl]pyridine-4-carboxylic acid; Renin-angiotensin-aldosterone system (RAAS) inhibitor

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Cilofexor is an effective metabolism inhibitor, that has the ability to prevent the pathway of cell metabolism by inhibiting FXR. The molecular weight of the compound is 586.85, and its molecular formula is $C_{28}H_{22}Cl_3N_3O_5$.
Molecular Weight	586.85
Molecular Formula	$C_{28}H_{22}Cl_3N_3O_5$
IUPAC Name	2-[3-[2-Chloro-4-[[5-cyclopropyl-3-(2,6-dichlorophenyl)-1,2-oxazol-4-yl]methoxy]phenyl]-3-hydroxyazetid-1-yl]pyridine-4-carboxylic acid
InChI	InChI=1S/C28H22Cl3N3O5/c29-20-2-1-3-21(30)24(20)25-18(26(39-33-25)15-4-5-15)12-38-17-6-7-19(22(31)11-17)28(37)13-34(14-28)23-10-16(27(35)36)8-9-32-23/h1-3,6-11,15,37H,4-5,12-14H2,(H,3,5,36)
InChI Key	KZSKGLFYQAYZCO-UHFFFAOYSA-N
Canonical SMILES	<chem>C1CC1C2=C(C(=NO2)C3=C(C(=CC=C3Cl)Cl)COC4=CC(=C(C=C4)C5(CN(C5)C6=NC=CC(=C6)C(=O)O)O)Cl</chem>
Form	Lyophilized powder
Purity	$\geq 98\%$
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	Cilofexor plays a key role in improving overall metabolic health.



Storage

Store at -20°C, and keep desiccated.
