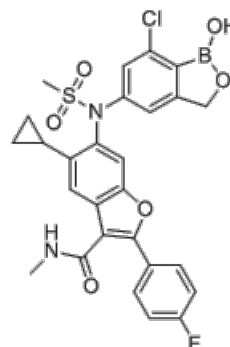


Product Name : GSK-2878175
Synonyms : GSK2878175; GSK8175; GSK-175; GSK-175A
Cat No. : M11780
CAS Number : 1423007-82-2
Molecular Formula : C₂₇H₂₃BClFN₂O₆S
Formula Weight : 568.81



Chemical Name : 6-[N-(7-chloro-1-hydroxy-1,3-dihydrobenzo[c][1,2]oxaborol-5-yl)methanesulfonamido]-5-cyclopropyl-2-(4-fluorophenyl)-N-methyl-1-benzofuran-3-carboxamide

Description : GSK-2878175 (GSK-175, GSK-175A) is a potent, pan-genotypic, second generation HCV NS5B polymerase inhibitor with EC₅₀ of 0.4-9.7 nM; exhibited low in vivo clearance across preclinical species and broad-spectrum activity against HCV replicons, displayed a 60-63 h half-life and a robust decrease in viral RNA levels in HCV infected patients relative to GSK5852. HCV Infection Phase 2 Clinical

Pathway : Microbiology/Virology

Target : HCV

Receptor : HCV

Solubility : —

SMILES : O=C(C1=C(C2=CC=C(F)C=C2)OC3=CC(N(C4=CC(Cl)=C5C(COB5O)=C4)S(=O)(C)=O)=C(C6CC6)C=C13)NC

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Gardner SD, et al. J Viral Hepat. 2018 Jan;25(1):19-27. | 2. Chong PY, et al. J Med Chem. 2019 Feb 14. doi: 10.1021/acs.jmedchem.8b01719.