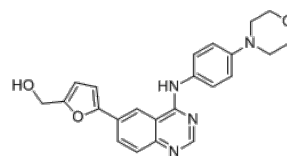


Product Name : AL-9
Synonyms : HCV inhibitor AL-9
Cat No. : M16312
CAS Number : 869218-90-6
Molecular Formula : C₂₃H₂₂N₄O₃
Formula Weight : 402.45
Chemical Name : (5-(4-((4-morpholinophenyl)amino)quinazolin-6-yl)furan-2-yl)methanol



Description : AL-9 is a small molecule HCV replication inhibitor with EC₅₀ of 0.29 and 0.75 uM for genotype 1b and 2a, inhibits purified PI4KIIIα with IC₅₀ of 0.57 uM; inhibits HCV across different genotypes with activity in the sub-micromolar to low micromolar range in the absence of significant cytotoxic effects; inhibits PI4KIIIα also in living cells, while not appreciably affecting the activity of PI4KIIIβ, does not affect the level of PI4P in the Golgi membrane.

Pathway : Microbiology/Virology

Target : HCV

Receptor : HCV

Solubility : —

SMILES : OCC1=CC=C(C2=CC3=C(NC4=CC=C(N5CCOCC5)C=C4)N=CN=C3C=C2)O1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Bianco A, et al. PLoS Pathog. 2012;8(3):e1002576. | 2. MacLeod AM, et al. ACS Med Chem Lett. 2013 May 8;4(7):585-9.