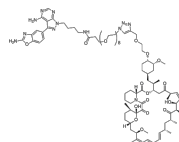


Product Name : Rapalink-1
Synonyms : Rapalink 1;Rapalink1
Cat No. : M12954
CAS Number : 1887095-82-0
Molecular Formula : C₉₁H₁₃₈N₁₂O₂₄
Formula Weight : 1784.17



Chemical Name : 40-O-2-((1-(32-(4-amino-3-(2-aminobenzo[d]oxazol-5-yl))-1H-pyrazolo[3,4-d]pyrimidin-1-yl))-27-oxo-3,6,9,12,15,18,21,24-octaoxa-28-azadotriacontyl)-1H-1,2,3-triazol-4-yl)methoxy)ethyl)-rapamycin

Description : Rapalink-1 is a third-generation mTOR inhibitor that overcomes resistance to existing first- and second-generation inhibitors; blocks mTOR signaling of the F2108L mTOR and M2327I mTOR drug resistant mutants; Rapalink-1

Pathway : PI3K/Akt/mTOR signaling

Target : mTOR

Receptor : mTOR

Solubility : —

SMILES : CC1CCC2CC(C(=CC=CC(=CC(=O)C(C(=CC(C(=O)CC(=O)C3CCCCN3C(=O)C(=O)C1(O2)O)C(C)CC4CCC(C(C4)OC)OCCOCC5=CN(N=N5)CCCCCCCCCCCCCCCCCCCCCCCC(=O)NCCCCN6C7=NC=NC(=C

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Rodrik-Outmezguine VS, et al. Nature. 2016 Jun 9;534(7606):272-6.