

Product Name : Baloxavir acid

Synonyms : S-033447; Baloxavir

Cat No. : M13101

CAS Number : 1985605-59-1

Molecular Formula : C₂₄H₁₉F₂N₃O₄S

Formula Weight : 483.49



Chemical Name : (R)-12-((S)-7,8-difluoro-6,11-dihydrodibenzo[b,e]thiepin-11-yl)-7-hydroxy-3,4,12,12a-tetrahydro-1H-[1,4]oxazino[3,4-c]pyrido[2,1-f][1,2,4]triazine-6,8-dione

Description : Baloxavir acid (S-033447, Baloxavir) is an anti-influenza compound that potently and selectively inhibits the cap-dependent endonuclease within the polymerase PA subunit of influenza A and B viruses; inhibits rgA/WSN/33 (H1N1) strain with EC₅₀ of 0.42 nM.

Pathway : Microbiology/Virology

Target : Influenza Virus

Receptor : Influenza Virus

Solubility : DMSO : ≥ 50 mg/mL 103.41 mM

SMILES : O=C1N2[C@@](COCC2)([H])N([C@@H]3C4=CC=CC=C4SCC5=C(F)C(F)=CC=C35)N6C1=C(O)C(C=C6)=O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Omoto S, et al. Sci Rep. 2018 Jun 25;8(1):9633.