

Product Name : Baloxavir Marboxil

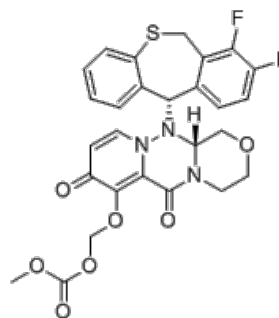
Synonyms : S-033188;Xofluza

Cat No. : M13102

CAS Number : 1985606-14-1

Molecular Formula : C₂₇H₂₃F₂N₃O₇S

Formula Weight : 571.55



Chemical Name : (((12aR)-12-[(11S)-7,8-difluoro-6,11-dihydrodibenzo[b,e]thiepin-11-yl]-6,8-dioxo-3,4,6,8,12,12a-hexahydro-1H-[1,4]oxazino[3,4-c]pyrido[2,1-f][1,2,4]triazin-7-yl)oxy)methyl methyl carbonate

Description : Baloxavir Marboxil (S-033188, Xofluza) is the prodrug of Baloxavir acid (S-033447) that potently and selectively inhibits the cap-dependent endonuclease within the polymerase PA subunit of influenza A and B viruses. Influenza Approved

Pathway : Microbiology/Virology

Target : Influenza Virus

Receptor : Influenza Virus

Solubility : DMSO : ≥ 50 mg/mL 87.48 mM

SMILES : O=C(OCOC(C(C=C1)=O)=C(N1N([C@@H]2C3=CC=CC=C3SCC4=C(F)C(F)=CC=C24)[C@@]5([H])N6CCOC5)C6=O)OC

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

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