

5-Hydroxytoluene-2,4-disulphonic acid diammonium

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

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| Description | 5-Hydroxytoluene-2,4-disulphonic acid diammonium, an impurity of Policlesulen, is a significant NS2B/NS3 protease inhibitor with an IC50 value of 0.48 µg/mL. It effectively inhibits DENV2 virus replication in BHK-21 cells, with an IC50 of 4.99 µg/mL. Policlesulen acts as a competitive inhibitor, marginally impacting the protease's stability[1]. |
| Targets(IC50) | Others,Virus Protease |

Reference

Deng-wei Wu, et al. Policlesulen, a novel NS2B/NS3 protease inhibitor, effectively inhibits the replication of DENV2 virus in BHK-21 cells. Acta Pharmacol Sin. 2015 Sep;36(9):1126-36.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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