
Product Data Sheet

Product Name: RO-7
 Cat. No.: GC32289

Chemical Properties

Cas. No. 1370241-45-4

SMILES O=C1N([C@H](C)C(F)(F)F)CN([C@@H]2C3=CC=CC=C3SCC4=CC=CC=C24)N5C1=C(O)C(C=C5)=O

Formula C24H20F3N3O3S M.Wt 487.49

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

RO-7 is a next-generation polymerase (PA) endonuclease inhibitor of influenza A and B viruses.

RO-7 is a compound that potently inhibits influenza virus replication and belongs to a new class of drugs in late-stage clinical trials for treatment of influenza virus infection. RO-7 displays broad-spectrum anti-influenza activity in vitro and protects mice from lethal challenge with both influenza A and B viruses[1].

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[1]. Jones JC, et al. Identification of the I38T PA Substitution as a Resistance Marker for Next-Generation InfluenzaVirus Endonuclease Inhibitors. MBio. 2018 Apr 24;9(2). pii: e00430-18.

Caution: Product has not been fully validated for medical applications. For research use only.

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