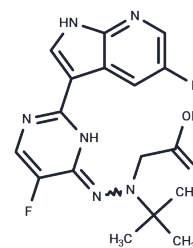


HAA-09

Chemical Properties

CAS No. : 1422051-33-9
 Formula: C₁₇H₁₈F₂N₆O₂
 Molecular Weight: 376.36
 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

Description	HAA-09, an orally administered compound, serves as a powerful anti-influenza agent by targeting the influenza PB2_cap binding domain. It possesses significant activity against influenza A virus, exhibiting an EC ₅₀ of 0.03 μM, and demonstrates polymerase inhibition with an IC ₅₀ of 0.06±0.004 μM. Importantly, HAA-09 inhibits virus replication efficiently without inducing noticeable cytotoxicity [1].
Targets(IC ₅₀)	Others, Influenza Virus, Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.657 mL	13.2852 mL	26.5703 mL
5 mM	0.5314 mL	2.657 mL	5.3141 mL
10 mM	0.2657 mL	1.3285 mL	2.657 mL
50 mM	0.0531 mL	0.2657 mL	0.5314 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481