

Product Data Sheet

Product Name: AV5116
Cat. No.: GC78868

Chemical Properties

Cas. No. 2417851-90-0

Formula $C_{22}H_{17}F_2N_3O_4S_2$ M.Wt 489.51

Solubility DMSO: 25 mg/mL (51.07 mM; Need ultrasonic) 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

AV5116 is a cap-dependent endonuclease inhibitor (CENI) that binds to the active site of the cap-dependent endonuclease (CEN) located in the N-terminal domain of the polymerase acidic. AV5116 exhibits potent inhibitory activity against influenza viruses (influenza A, B, and C viruses). AV5116 can be used for the study of influenza virus infections [1].

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

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References:

[1]. Chesnokov A, et al. Influenza C virus susceptibility to antivirals with different mechanisms of action. Antimicrob Agents Chemother. 2024 May 2;68(5):e0172723.

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