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.
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA

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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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