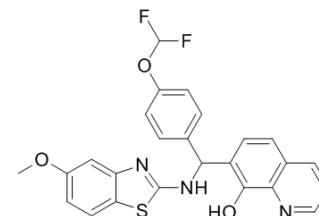


KIN1408

Cat. No.:	HY-19961		
CAS No.:	1903800-11-2		
Molecular Formula:	C ₂₅ H ₁₉ F ₂ N ₃ O ₃ S		
Molecular Weight:	479.5		
Target:	HCV		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 39 mg/mL (81.33 mM)

* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
	Concentration				
	1 mM		2.0855 mL	10.4275 mL	20.8551 mL
	5 mM		0.4171 mL	2.0855 mL	4.1710 mL
	10 mM		0.2086 mL	1.0428 mL	2.0855 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

KIN1408 is an antiviral small molecule compound, as agonists of the RLR pathway. Target: KIN1408 activate IRF3 through MAVS, thereby inhibiting infection by viruses of the families Flaviviridae (West Nile virus, dengue virus and hepatitis C virus), Filoviridae (Ebola virus), Orthomyxoviridae (influenza A virus), Arenaviridae (Lassa virus) and Paramyxoviridae (respiratory syncytial virus, Nipah virus).

REFERENCES

[1]. Green RR, et al. Transcriptional analysis of antiviral small molecule therapeutics as agonists of the RLR pathway. *Genom Data*. 2016 Feb 1;7:290-2.

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

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