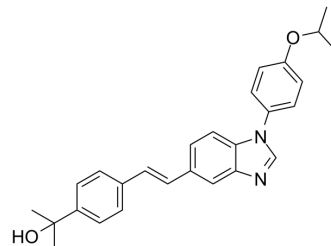


(E)-LHF-535

Cat. No.:	HY-112762A		
Molecular Formula:	C ₂₇ H ₂₈ N ₂ O ₂		
Molecular Weight:	412.52		
Target:	Arenavirus		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro	DMSO : 60 mg/mL (145.45 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
			1 mM	2.4241 mL	12.1206 mL	24.2412 mL
			5 mM	0.4848 mL	2.4241 mL	4.8482 mL
			10 mM	0.2424 mL	1.2121 mL	2.4241 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (6.06 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	(E)-LHF-535 is the E-isomer of LHF-535. LHF-535 is an antiviral agent extracted from patent WO2013123215A2, Compound 38, has EC ₅₀ s of <1 μM, <1 μM, <1 μM, and 1-10 μM for Lassa, Machupo, Junin, and VSVg virus, respectively ^[1] .
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REFERENCES

[1]. Dongcheng Dai, et al. Antiviral drugs for treatment of arenavirus infection. WO2013123215A2.

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

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