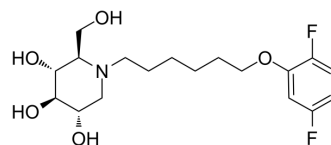


IHVR-11029

Cat. No.:	HY-117721
CAS No.:	1383152-30-4
Molecular Formula:	C ₁₈ H ₂₇ F ₂ NO ₅
Molecular Weight:	375.41
Target:	Glucokinase
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (266.38 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.6638 mL	13.3188 mL	26.6375 mL
5 mM	0.5328 mL	2.6638 mL	5.3275 mL
10 mM	0.2664 mL	1.3319 mL	2.6638 mL

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

BIOLOGICAL ACTIVITY

Description

IHVR-11029 is a small molecule inhibitor of ER α -glucosidases, with an EC₅₀ of 0.09 μ M^[1].

IC₅₀ & Target

EC₅₀: 0.09 μ M (ER α -glucosidases)^[1].

In Vitro

IHVR-11029 exhibits EC₅₀ values of 1.3 μ M, 3.3 μ M and 0.75 μ M for BVDV, TARV and DENV, respectively. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Jinhong Chang, et al. Small molecule inhibitors of ER α -glucosidases are active against multiple hemorrhagic fever viruses. Antiviral Res. 2013 Jun;98(3):432-40.

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

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