



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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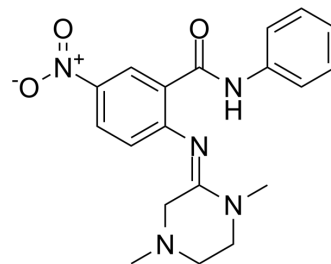
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ML336

Cat. No.:	HY-12928		
CAS No.:	1613465-33-0		
Molecular Formula:	C ₁₉ H ₂₁ N ₅ O ₃		
Molecular Weight:	367.4		
Target:	Virus Protease		
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 : 33.33 mg/mL (90.72 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.7218 mL	13.6091 mL	27.2183 mL
	5 mM	0.5444 mL	2.7218 mL	5.4437 mL
	10 mM	0.2722 mL	1.3609 mL	2.7218 mL

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

BIOLOGICAL ACTIVITY

Description

ML336 is quinazolinone-based inhibitor against venezuelan equine encephalitis virus (VEEV), with IC₅₀s of 32, 20, and 42 nM for VEEV TC-83 CPE, VEEV V3526 CPE, VEEV Wild Type CPE, respectively. ML336 potently inhibits a VEEV-induced cytopathic effect in three strains of the virus (TC-83, V3526, and wild type Trinidad donkey) in the low nanomolar range^[1].

REFERENCES

[1]. Chung D, et al. ML336: Development of Quinazolinone-Based Inhibitors Against Venezuelan Equine Encephalitis Virus (VEEV). 2012 Dec 17 [updated 2013 Nov 7]. In: Probe Reports from the NIH Molecular Libraries Program [Internet]. Bethesda (MD): National Cent

[2]. Donghoon Chung 1, et al. ML336: Development of Quinazolinone-Based Inhibitors Against Venezuelan Equine Encephalitis Virus (VEEV).

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

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