



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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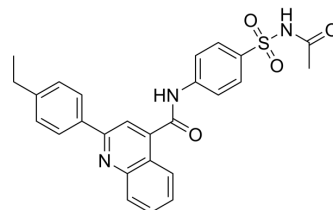
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Flaviviruses-IN-3

Cat. No.:	HY-153076
CAS No.:	420090-97-7
Molecular Formula:	C ₂₆ H ₂₃ N ₃ O ₄ S
Molecular Weight:	473.54
Target:	Virus Protease
Pathway:	Anti-infection
Storage:	Powder -20°C 3 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 125 mg/mL (263.97 mM; ultrasonic and warming and heat to 60°C)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM	2.1118 mL	10.5588 mL	21.1175 mL	
		5 mM	0.4224 mL	2.1118 mL	4.2235 mL	
		10 mM	0.2112 mL	1.0559 mL	2.1118 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (4.39 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (4.39 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Flaviviruses-IN-3 (compound 87) is a potent flavivirus inhibitor. Flaviviruses-IN-3 reduces the WNV (West Nile virus) protease activity, with a inhibition of 54% ^[1] .
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REFERENCES

[1]. Radhakrishnan Padmanabhan, et al. Flavivirus inhibitors and methods for their use. WO2010039538.

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

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