



SZABO SCANDIC

Part of Europa Biosite

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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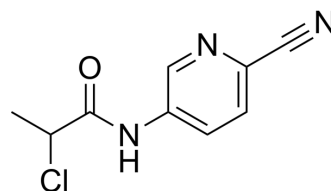
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P-2281

Cat. No.:	HY-118704
CAS No.:	1112994-35-0
Molecular Formula:	C ₉ H ₈ ClN ₃ O
Molecular Weight:	209.63
Target:	mTOR
Pathway:	PI3K/Akt/mTOR
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (596.29 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.7703 mL	23.8515 mL	47.7031 mL
	5 mM	0.9541 mL	4.7703 mL	9.5406 mL
	10 mM	0.4770 mL	2.3852 mL	4.7703 mL

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

BIOLOGICAL ACTIVITY

Description

P-2281 is a mTOR inhibitor with anticancer and anti-inflammatory efficacies. P-2281 suppresses dextran sulfate sodium (DSS)-induced colitis by inhibiting T cell function and is efficacious in a murine model of human colitis^[1].

REFERENCES

[1]. Mandar R Bhonde, et al. A novel mTOR inhibitor is efficacious in a murine model of colitis. Am J Physiol Gastrointest Liver Physiol. 2008 Dec;295(6):G1237-45.

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

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