



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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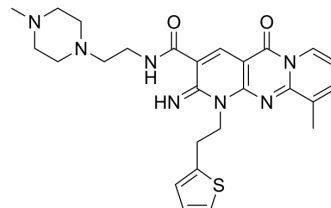
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SPOP-IN-1

Cat. No.:	HY-156382
CAS No.:	2136270-56-7
Molecular Formula:	C ₂₆ H ₃₁ N ₇ O ₂ S
Molecular Weight:	505.64
Target:	Akt; ERK; E1/E2/E3 Enzyme
Pathway:	PI3K/Akt/mTOR; MAPK/ERK Pathway; Stem Cell/Wnt; Metabolic Enzyme/Protease
Storage:	Powder -20°C 3 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 5 mg/mL (9.89 mM; ultrasonic and warming and heat to 60°C)

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.9777 mL	9.8885 mL	19.7769 mL
	5 mM	0.3955 mL	1.9777 mL	3.9554 mL
	10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description

SPOP-IN-1 is a selective SPOP E3 ubiquitin ligase inhibitor. SPOP-IN-1 leads to the accumulation of tumor suppressors PTEN and DUSP7 and decreased levels of phosphorylated AKT and ERK in clear-cell renal cell carcinoma^[1].

REFERENCES

[1]. Dong Z, et al. Structure-Activity Relationship of SPOP Inhibitors against Kidney Cancer. J Med Chem. 2020 May 14;63(9):4849-4866.

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

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