



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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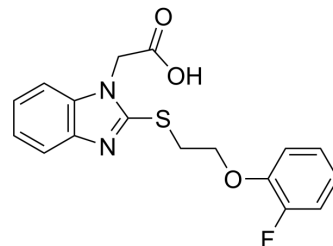
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PDK1 allosteric modulator 1

Cat. No.:	HY-W837864		
CAS No.:	303134-93-2		
Molecular Formula:	C ₁₇ H ₁₅ FN ₂ O ₃ S		
Molecular Weight:	346.38		
Target:	PDK-1		
Pathway:	PI3K/Akt/mTOR		
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 : 125 mg/mL (360.88 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.8870 mL	14.4350 mL	28.8700 mL
	5 mM		0.5774 mL	2.8870 mL	5.7740 mL
	10 mM		0.2887 mL	1.4435 mL	2.8870 mL

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

BIOLOGICAL ACTIVITY

Description

PDK1 allosteric modulator 1 is a molecule targeting PDK1 with a binding affinity of 8 μM. PDK1 allosteric modulator 1 is able to bind to the PIF pocket of PDK1, potentially affecting the biological activity of this kinase^[1].

REFERENCES

[1]. Small-Molecule Allosteric Modulators of the Protein Kinase PDK1 from Structure-Based Docking

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

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