



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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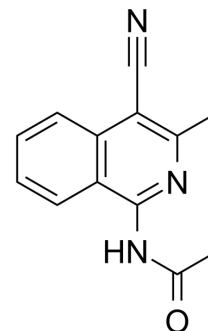
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PKA-IN-1

Cat. No.:	HY-115732
CAS No.:	179985-52-5
Molecular Formula:	C ₁₃ H ₁₁ N ₃ O
Molecular Weight:	225.25
Target:	PKA
Pathway:	Stem Cell/Wnt
Storage:	Powder -20°C 3 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 62.5 mg/mL (277.47 mM; ultrasonic and warming and heat to 80°C)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		4.4395 mL	22.1976 mL	44.3951 mL
		5 mM		0.8879 mL	4.4395 mL	8.8790 mL
		10 mM		0.4440 mL	2.2198 mL	4.4395 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (9.23 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	PKA-IN-1 is a potent and selective cyclic AMP-dependent protein kinase (PKA) catalytic subunit (cAK) inhibitor with an IC ₅₀ of 0.03 μM ^[1] .
IC ₅₀ & Target	IC ₅₀ : 0.03 μM (cAK) ^[1]

REFERENCES

[1]. Z X Lu, et al. Selective inhibition of cyclic AMP-dependent protein kinase by isoquinoline derivative. Biol Chem Hoppe Seyler. 1996 Jun;377(6):373-8

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

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