



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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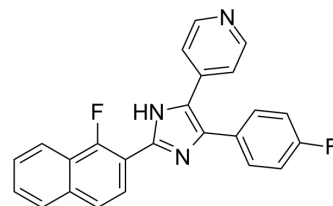
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CK1-IN-1

Cat. No.:	HY-111820
CAS No.:	1784751-20-7
Molecular Formula:	C ₂₄ H ₁₅ F ₂ N ₃
Molecular Weight:	383.39
Target:	Casein Kinase
Pathway:	Cell Cycle/DNA Damage; Stem Cell/Wnt
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 2 years -20°C 1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 62.5 mg/mL (163.02 mM; Need ultrasonic)
H₂O : < 0.1 mg/mL (insoluble)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.6083 mL	13.0415 mL	26.0831 mL
	5 mM		0.5217 mL	2.6083 mL	5.2166 mL
	10 mM		0.2608 mL	1.3042 mL	2.6083 mL

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

BIOLOGICAL ACTIVITY

Description

CK1-IN-1 is a casein kinase 1 (CK1) inhibitor extracted from patent WO2015119579A1, compound 1c, has IC₅₀s of 15 nM, 16 nM, 73 nM for CK1δ, and CK1ε, p38σ MAPK, respectively^[1].

IC₅₀ & Target

CK1δ
15 nM (IC₅₀)

REFERENCES

[1]. Filip LACO, et al. 2,4,5-tri-substituted azole-based casein kinase 1 inhibitors as inducers for cardiomyogenesis. WO2015119579A1.

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

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