



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

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

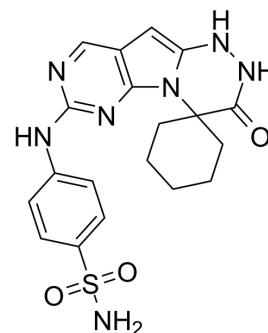
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

INX-315

Cat. No.:	HY-162001		
CAS No.:	2745060-92-6		
Molecular Formula:	C ₁₉ H ₂₁ N ₇ O ₃ S		
Molecular Weight:	427.48		
Target:	CDK		
Pathway:	Cell Cycle/DNA Damage		
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 : 100 mg/mL (233.93 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.3393 mL	11.6965 mL	23.3929 mL
		5 mM	0.4679 mL	2.3393 mL	4.6786 mL
10 mM		0.2339 mL	1.1696 mL	2.3393 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (5.85 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (5.85 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.85 mM); Clear solution 				

BIOLOGICAL ACTIVITY

Description	INX-315 is an orally active and selective CDK2 inhibitor that induces cell cycle arrest in the G1 phase. INX-315 reduces CDK2 substrate phosphorylation and inhibits tumor growth in a dose-dependent manner in xenograft mouse models. INX-315 may be used in cancer research ^[1] .
IC₅₀ & Target	CDK2 ^[1] .

REFERENCES

[1]. Dietrich C, et al. INX-315, a selective CDK2 inhibitor, induces cell cycle arrest and senescence in solid tumors. *Cancer Discov.* 2023 Dec 4.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA