



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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

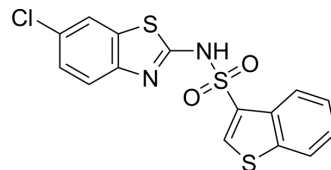
mail@szabo-scandic.com

www.szabo-scandic.com

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

PDK1-IN-2

Cat. No.:	HY-117809
CAS No.:	1643958-85-3
Molecular Formula:	C ₁₅ H ₉ ClN ₂ O ₂ S ₃
Molecular Weight:	380.89
Target:	PDK-1
Pathway:	PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

PDK1-IN-2 is a small molecule inhibitor of 3-phosphoinositol-dependent protein kinase-1 (PDK1). PDK1-IN-2 inhibits the binding of PDK1 to its substrate by competitively binding to the PIF pocket of PDK1, thereby inhibiting the kinase activity and downstream signaling of PDK1. PDK1-IN-2 can be used for cell survival and proliferation in cancer^[1].

REFERENCES

[1]. Rettenmaier T J, et al. A small-molecule mimic of a peptide docking motif inhibits the protein kinase PDK1[J]. Proceedings of the National Academy of Sciences, 2014, 111(52): 18590-18595.

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