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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

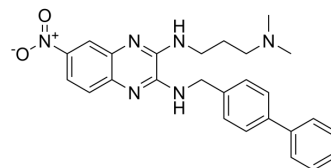
mail@szabo-scandic.com

www.szabo-scandic.com

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

ZBP1/RIP3/MLKL activator 1

Cat. No.:	HY-162424
Molecular Formula:	C ₂₆ H ₂₈ N ₆ O ₂
Molecular Weight:	456.54
Target:	RIP kinase; Mixed Lineage Kinase; Necroptosis
Pathway:	Apoptosis; MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

ZBP1/RIP3/MLKL activator 1 (compound 3a) is a synthetically derived quinoline compound. ZBP1/RIP3/MLKL Activator 1 induces DNA damage, enhances intracellular levels of reactive oxygen species (ROS), and triggers apoptosis via the caspase pathway. Furthermore, when apoptosis is inhibited, ZBP1/RIP3/MLKL Activator 1 promotes necroptotic cell death through the ZBP1-RIP3-MLKL pathway. ZBP1/RIP3/MLKL Activator 1 is utilized in oncological research, particularly in the selective targeting of cells with impaired apoptotic function^[1].

REFERENCES

[1]. Saha R, et al. Mono-quinoxaline-induced DNA structural alteration leads to ZBP1/RIP3/MLKL-driven necroptosis in cancer cells[J]. European Journal of Medicinal Chemistry, 2024, 270: 116377.

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