



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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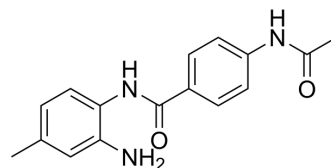
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BRD4097

Cat. No.:	HY-121315
CAS No.:	1550053-19-4
Molecular Formula:	C ₁₆ H ₁₇ N ₃ O ₂
Molecular Weight:	283.33
Target:	HDAC
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

BRD4097 is an inhibitor of histone deacetylase (HDAC). BRD4097 acts by inhibiting the activity of HDACs, especially HDAC 1,2 and 3, through metal chelation and spatial rejection mechanisms, and this inhibition may help regulate gene expression and alter chromatin structure, thereby affecting a variety of biological processes. BRD4097 is used to study the role of HDAC in cholesterol metabolism and NPC1 diseases^[1].

REFERENCES

[1]. Cruz D L, et al. Inhibition of histone deacetylases 1, 2, and 3 enhances clearance of cholesterol accumulation in Niemann-Pick C1 fibroblasts[J]. ACS Pharmacology & Translational Science, 2021, 4(3): 1136-1148.

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

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