



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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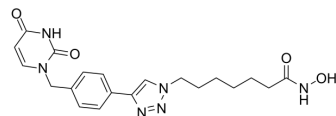
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J208

Cat. No.:	HY-163535
CAS No.:	2116468-11-0
Molecular Formula:	C ₂₀ H ₂₄ N ₆ O ₄
Molecular Weight:	412.44
Target:	HDAC; DNA Methyltransferase; Apoptosis
Pathway:	Cell Cycle/DNA Damage; Epigenetics; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	J208 is a dual inhibitor for histone deacetylase (HDAC) and DNA methyltransferase (DNMT). J208 inhibits proliferation of cancer cells, as well as the migration/invasion of triple-negative breast cancer (TNBC) cells. J208 induces apoptosis, arrests the cell cycle at G0/G1 phase. J208 activates the innate immune signalling pathway in TNBC, by inducing the expression of endogenous retroviruses (ERVs) ^[1] .
IC₅₀ & Target	HDAC1

REFERENCES

[1]. Fan W, et al., Bifunctional HDAC and DNMT inhibitor induces viral mimicry activates the innate immune response in triple-negative breast cancer. *Eur J Pharm Sci.* 2024 Jun 1;197:106767.

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

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