



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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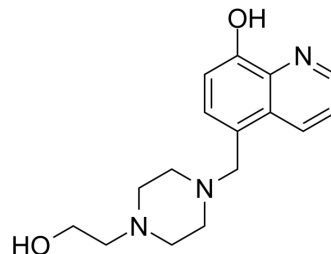
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VK-28

Cat. No.:	HY-W686216
CAS No.:	312611-92-0
Molecular Formula:	C ₁₆ H ₂₁ N ₃ O ₂
Molecular Weight:	287.36
Target:	Ferroptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

VK-28, a brain-permeable iron chelator, inhibits both basal and Fe/ascorbate-induced mitochondrial membrane lipid peroxidation, with an IC₅₀ of 12.7 μM. VK-28 exhibits significant neuroprotective effects on ICV-6-OHDA. VK-28 can be used for the research of Parkinson's disease and other neurodegenerative diseases^[1].

REFERENCES

[1]. Shachar DB, et al. Neuroprotection by a novel brain permeable iron chelator, VK-28, against 6-hydroxydopamine lesion in rats. *Neuropharmacology*. 2004 Feb;46(2):254-63.

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

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