



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

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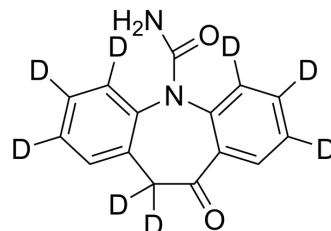
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Oxcarbazepine-d₈

Cat. No.:	HY-B0114S2
CAS No.:	1261396-65-9
Molecular Formula:	C ₁₅ H ₄ D ₈ N ₂ O ₂
Molecular Weight:	260.32
Target:	Sodium Channel; Apoptosis
Pathway:	Membrane Transporter/Ion Channel; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Oxcarbazepine-d₈-1 is a deuterium of Oxcarbazepine. Oxcarbazepine is a sodium channel blocker^[1]. Oxcarbazepine significantly inhibits glioblastoma cell growth and induces apoptosis or G2/M arrest in glioblastoma cell lines^[2]. Oxcarbazepine-d₈-1 has anti-cancer and anticonvulsant effects^[2].

REFERENCES

- [1]. Ashley M Thomas, et al. Old Friends With New Faces: Are Sodium Channel Blockers the Future of Adjunct Pain Medication Management? J Pain. 2018 Jan;19(1):1-9.
- [2]. Ching-Yi Lee, et al. The effects of antiepileptic drugs on the growth of glioblastoma cell lines. J Neurooncol. 2016 May;127(3):445-53.

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

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