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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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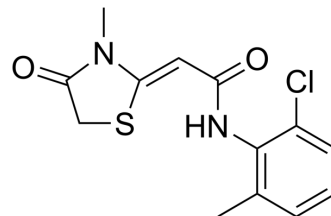
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Ralitoline

Cat. No.:	HY-106747
CAS No.:	93738-40-0
Molecular Formula:	C ₁₃ H ₁₃ ClN ₂ O ₂ S
Molecular Weight:	296.77
Target:	Sodium Channel
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Ralitoline is a sodium channel blocker with IC₅₀ of 2 μM. Ralitoline has anticonvulsant activity^{[1][2]}.

REFERENCES

[1]. Löscher W, et al. Ralitoline: a reevaluation of anticonvulsant profile and determination of "active" plasma concentrations in comparison with prototype antiepileptic drugs in mice. *Epilepsia*. 1991 Jul-Aug;32(4):560-8.

[2]. Rock DM, et al. Ralitoline (CI-946) and CI-953 block sustained repetitive sodium action potentials in cultured mouse spinal cord neurons and displace batrachotoxinin A 20-alpha-benzoate binding in vitro. *Epilepsy Res*. 1991 Apr;8(3):197-203.

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

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