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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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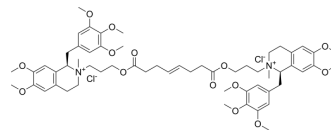
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Mivacurium dichloride (Standard)

Cat. No.:	HY-B1700AR
CAS No.:	106861-44-3
Molecular Formula:	C ₅₈ H ₈₀ Cl ₂ N ₂ O ₁₄
Molecular Weight:	1100.17
Target:	nAChR
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Mivacurium (dichloride) (Standard) is the analytical standard of Mivacurium (dichloride). This product is intended for research and analytical applications. Mivacurium dichloride is a benzylisoquinoline derivative and is a short-acting non-depolarizing neuromuscular blocking agent and skeletal muscle relaxant. Mivacurium dichloride couples with the nAChR to reduce or inhibit the depolarizing effect of acetylcholine on the terminal disc of the muscle cell^{[1][2][3]}.

REFERENCES

- [1]. Delu Che, et al. Mivacurium Induce Mast Cell Activation and Pseudo-Allergic Reactions via MAS-related G Protein Coupled receptor-X2. *Cell Immunol.* 2018 Oct;332:121-128.
- [2]. J E Caldwell. New Skeletal Muscle Relaxants. *Int Anesthesiol Clin.* Winter 1995;33(1):39-60.
- [3]. Matthias Paul, et al. The Potency of New Muscle Relaxants on Recombinant Muscle-Type Acetylcholine Receptors. *Anesth Analg.* 2002 Mar;94(3):597-603; table of contents.

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

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