



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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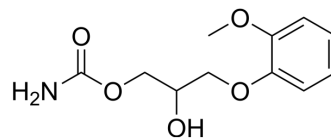
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Methocarbamol (Standard)

Cat. No.:	HY-B0262R
CAS No.:	532-03-6
Molecular Formula:	C ₁₁ H ₁₅ NO ₅
Molecular Weight:	241.24
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

Methocarbamol (Standard) is the analytical standard of Methocarbamol. This product is intended for research and analytical applications. Methocarbamol is an orally active central muscle relaxant and blocks muscular Nav1.4 channel. Methocarbamol reversibly affects voltage dependence of inactivation of Nav1.4 channel. Methocarbamol has the potential for muscle spasms and pain syndromes research^{[1][2][3]}.

REFERENCES

- [1]. Bruce, R.B., L.B. Turnbull, and J.H. Newman, Metabolism of methocarbamol in the rat, dog, and human. *J Pharm Sci*, 1971. 60(1): p. 104-6.
- [2]. Sica, D.A., et al., Pharmacokinetics and protein binding of methocarbamol in renal insufficiency and normals. *Eur J Clin Pharmacol*, 1990. 39(2): p. 193-4.
- [3]. Yaxin Zhang, et al. Methocarbamol blocks muscular Na v 1.4 channels and decreases isometric force of mouse muscles. *Muscle Nerve*. 2020 Oct 11.

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

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