



SZABO SCANDIC

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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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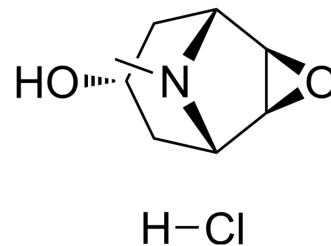
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Scopine hydrochloride

Cat. No.:	HY-B0459A
CAS No.:	85700-55-6
Molecular Formula:	C ₈ H ₁₄ ClNO ₂
Molecular Weight:	191.66
Target:	Adrenergic Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

H₂O : ≥ 100 mg/mL (521.76 mM)
DMSO : 25 mg/mL (130.44 mM; Need ultrasonic)
* "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		5.2176 mL	26.0879 mL	52.1757 mL
	5 mM		1.0435 mL	5.2176 mL	10.4351 mL
	10 mM		0.5218 mL	2.6088 mL	5.2176 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

1. Add each solvent one by one: PBS
Solubility: 100 mg/mL (521.76 mM); Clear solution; Need ultrasonic
2. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (13.04 mM); Clear solution
3. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (13.04 mM); Clear solution
4. Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (13.04 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Scopine hydrochloride (6,7-Epoxytropine hydrochloride) is the metabolite of anisodine, which is a α₁-adrenergic receptor agonist and used in the treatment of acute circulatory shock.

IC₅₀ & Target

α adrenergic receptor

REFERENCES

[1]. <http://en.wikipedia.org/wiki/Scopine>

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

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