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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

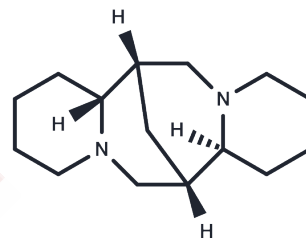
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(-)-Sparteine

Chemical Properties

CAS No. :	90-39-1
Formula:	C ₁₅ H ₂₆ N ₂
Molecular Weight:	234.38
Appearance:	no data available
Storage:	store at low temperature, keep away from direct sunlight
	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	(-)-Sparteine ((-)-Lupinidine) is a quinolizidine alkaloid extracted from lupine, which is a voltage-gated sodium channel (VGSC) blocker with anticonvulsant activity.
Targets(IC50)	Others

Solubility Information

Solubility	H ₂ O: 1 mg/mL (4.27 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2666 mL	21.3329 mL	42.6658 mL
5 mM	0.8533 mL	4.2666 mL	8.5332 mL
10 mM	0.4267 mL	2.1333 mL	4.2666 mL
50 mM	0.0853 mL	0.4267 mL	0.8533 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Faugeras G, et al. Isolement de la (-)-spartéine, de la (+)-lupanine et d'un nouvel alcaloïde ester: la catalauvéine [Alkaloids of *Sarothamnus catalaunicus* Webb. Isolation of (-)-sparteine, (+)-lupanine and a new alkaloid ester:

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481