


## Certificate of Analysis

Catalog Number	BP16163
Product Name	Sparteine sulfate

## Physical and Chemical Properties

Synonyms	Depasan, Actospar, Tocosimplex
CAS No.	299-39-8
Chemical Formula	C <sub>15</sub> H <sub>28</sub> N <sub>2</sub> O <sub>4</sub> S
Molecular Weight	332.46
Solubility	H <sub>2</sub> O: Soluble DMSO: 10 mM Ethanol: Soluble
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

## Product Information

Description	Sparteine sulfate is a class 1a antiarrhythmic agent and a sodium channel blocker. It can chelate the bivalent calcium and magnesium.
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## Analytical Data

HPLC	Shows Min >99% purity
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H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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