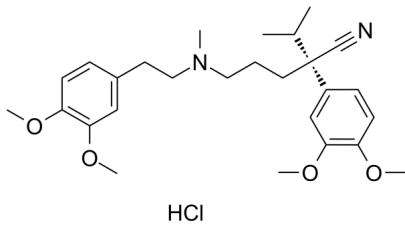


Certificate of Analysis

Catalog Number	BP15896
Product Name	(S)-Verapamil hydrochloride

Physical and Chemical Properties

Synonyms	(S)-(-)-Verapamil hydrochloride
CAS No.	36622-28-3
Chemical Formula	C ₂₇ H ₃₉ ClN ₂ O ₄
Molecular Weight	491.07
Solubility	
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	 <p>HCl</p>

Product Information

Description	(S)-Verapamil hydrochloride is an inhibitor of leukotriene C ₄ (LTC ₄) and calcein transport by MRP1, and leads to the death of potentially resistant tumor cells.
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In vitro	(S)-Verapamil hydrochloride potently induces the death of MRP1-transfected BHK-21 cells. (S)-Verapamil hydrochloride is good active form and has the low bioavailability.
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Analytical Data

HPLC	Shows Min >99% purity
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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