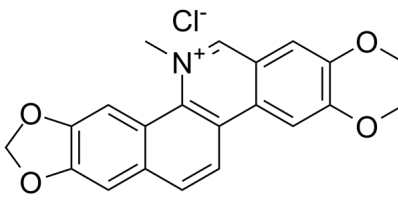


Certificate of Analysis

Catalog Number	BP10354
Product Name	Nitidine chloride

Physical and Chemical Properties

CAS No.	13063-04-2
Chemical Formula	C ₂₁ H ₁₈ ClNO ₄
Molecular Weight	383.83
Solubility	Chloroform, Dichloromethane, Ethyl Acetate, Acetone, etc.: Soluble DMSO: 10 mg/mL(26.1 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	<p>1. Nitidine chloride has inhibitory effects on various tumors, such as renal cancer , breast cancer. 2. Nitidine chloride inhibits the proliferation of SMMC-7721 cells in vitro in a time- and dose-dependent manner and identifies efficacy in vivo in a mouse model of HCC.</p>
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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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