


Certificate of Analysis

Catalog Number	BP13169
Product Name	Datelliptium chloride

Physical and Chemical Properties

CAS No.	105118-14-7
Chemical Formula	C ₂₃ H ₂₈ ClN ₃ O
Molecular Weight	397.95
Solubility	H ₂ O: 41.67 mg/mL (104.71 mM), Need ultrasonic
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	Datelliptium chloride is a DNA-intercalating agent derived from ellipticine. with anti-tumor activities.
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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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Purdue Bioscience Inc.