


Certificate of Analysis

Catalog Number	BP16056
Product Name	Jatrophane 5

Physical and Chemical Properties

CAS No.	210108-89-7
Chemical Formula	C ₄₁ H ₄₉ NO ₁₄
Molecular Weight	779.8
Solubility	
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	Jatrophane 5 demonstrates the most powerful inhibition of P-gp, higher than R(+)-verapamil and tariquidar in colorectal multi-drug resistant (MDR) cells (DLD1-TxR).
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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.