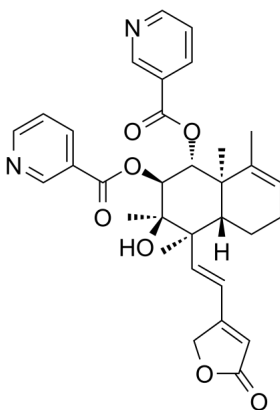


Certificate of Analysis

Catalog Number	BP10768
Product Name	Scutebarbatine A

Physical and Chemical Properties

CAS No.	176520-13-1
Chemical Formula	C ₃₂ H ₃₄ N ₂ O ₇
Molecular Weight	558.631
Solubility	
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	<p>Scutebarbatine A shows significant antitumor effects on A549 cells in vivo and in vitro via mitochondria-mediated apoptosis by up-regulating expressions of caspase-3 and 9, and down-regulating Bcl-2. Scutebarbatine A and barbatine A show a significant ability to protect cells against H₂O₂ with ED₅₀ values of 5.0 and 16.8 μM, respectively.</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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