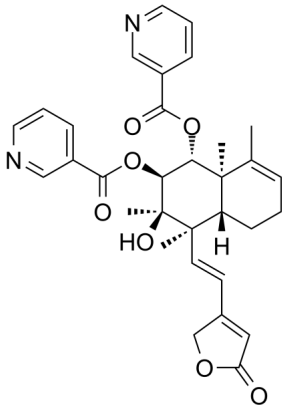


Data Sheet

Product Information

Catalog Number	BP10768
Product Name	Scutebarbatine A
Description	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 H ₂ O ₂ with ED ₅₀ values of 5.0 and 16.8 μ M, respectively.
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	 <p>The chemical structure of Scutebarbatine A is a complex polycyclic molecule. It features a central bicyclic core with a hydroxyl group and a methyl group. Attached to this core are two pyridine rings via ester linkages, a side chain with a double bond and a terminal furanone ring, and a methyl group. Stereochemistry is indicated with wedges and dashes.</p>

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Purdue Bioscience Inc.