


Certificate of Analysis

Catalog Number	BP15933
Product Name	Asebogenin

Physical and Chemical Properties

CAS No.	520-42-3
Chemical Formula	C ₁₆ H ₁₆ O ₅
Molecular Weight	288.29
Solubility	
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	Asebogenin has anti-bacterial activity, it shows inhibitory activity against <i>S. aureus</i> and methicillin-resistant <i>S. aureus</i> (IC ₅₀ of 10 and 4.5 micrograms/ml, respectively); it shows antiplasmodial activities against both a chloroquine-sensitive and a resistant strain of <i>Plasmodium falciparum</i> . Asebogenin can inhibit the proliferation of murine B cells.
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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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