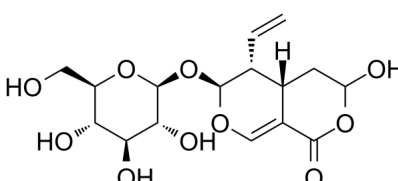


Certificate of Analysis

Catalog Number	BP15195
Product Name	Secologanic acid

Physical and Chemical Properties

CAS No.	60077-46-5
Chemical Formula	C ₁₆ H ₂₂ O ₁₀
Molecular Weight	374.342
Solubility	
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	Secologanic acid is a plant growth inhibitor, it shows inhibition of nitric oxide production in lipopolysaccharide-activated macrophages.
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In vitro	Bioassay-guided fractionation of <i>Acicarpa tribuloides</i> Juss. resulted in the isolation of an uncommon non-glycosylated secoiridoid, tribulolide (1), two known secoiridoid glycosides named Secologanic acid (2) and vogeloside (3) as well as two natural chromones, 6,7-dimethoxychromone (4) and 7-hydroxy-6-methoxy-chromone (5).
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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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