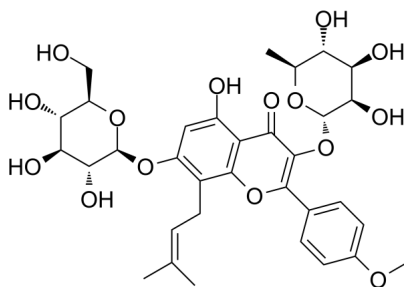


Certificate of Analysis

Catalog Number	BP12693
Product Name	Icariin

Physical and Chemical Properties

Synonyms	Ieariline
CAS No.	489-32-7
Chemical Formula	C33H40O15
Molecular Weight	676.668
Solubility	DMSO: 47 mg/mL (69.5 mM) Ethanol: <1 mg/mL; H2O: <1 mg/mL
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	Icariin is a flavonol glycoside, inhibiting PDE5 and PDE4 activities. Icariin also is a PPAR α activator.
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Targets&IC50	PDE5:0.432 μ M
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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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