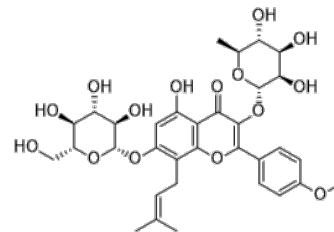


Product Name : Icariin
Cat. No. : PC-25743
CAS No. : 489-32-7
Molecular Formula : C₃₃H₄₀O₁₅
Molecular Weight : 676.67
Target : Phosphodiesterase (PDE)
Solubility : 10 mM in DMSO



Biological Activity

Icariin is a flavonol glycoside that inhibits PDE5 and PDE4 activities with IC₅₀ of 432 nM and 73.50 μM, respectively, also is a PPARα activator, also is a small-molecule inducer that promotes G3BP1-driven biomolecular condensate formation, interacts with the N-terminal nuclear transport factor 2-like (NTF2L) domain of G3BP1.

References

- Xin ZC, et al. Asian J Androl. 2003 Mar;5(1):15-8.
Lu YF, et al. Molecules. 2014 Nov 6;19(11):18179-91.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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