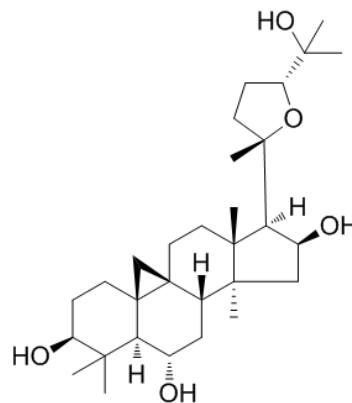


Product Name : Cycloastragenol
Cat. No. : PC-47447
CAS No. : 84605-18-5
Molecular Formula : C₃₀H₅₀O₅
Molecular Weight : 490.72
Target : Telomerase
Solubility : 10 mM in DMSO



Biological Activity

Cycloastragenol (Cyclogalagenin, GRN-510) is a natural tetracyclic triterpenoid that is a potent **telomerase** activator. Cycloastragenol modestly retards telomere shortening, increases proliferative potential, and, importantly, enhances cytokine/chemokine production and antiviral activity. Cycloastragenol suppresses lung damage in a murine model of idiopathic pulmonary fibrosis.

References

- Fauce SR, et al. *J Immunol*. 2008 Nov 15;181(10):7400-6.
Yung LY, et al. *Planta Med*. 2012 Jan;78(2):115-21.
Le Saux CJ, et al. *PLoS One*. 2013;8(3):e58423.

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

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