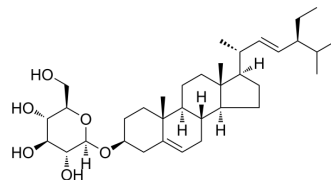


Stigmasterol glucoside

Cat. No.:	HY-N1200
CAS No.:	19716-26-8
Molecular Formula:	C ₃₅ H ₅₈ O ₆
Molecular Weight:	574.83
Target:	5 alpha Reductase
Pathway:	Metabolic Enzyme/Protease
Storage:	-20°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



BIOLOGICAL ACTIVITY

Description	Stigmasterol glucoside is a sterol isolated from <i>P. urinaria</i> with high antioxidant and anti-inflammatory activities ^[1] , act as an inhibitor of 5 α -reductase with an IC ₅₀ of 27.2 μ M ^[2] .
IC ₅₀ & Target	IC ₅₀ 27.2 μ M (5 α -reductase) ^[2]

REFERENCES

[1]. Musarat Amina, et al. Sequential injection-chemiluminescence evaluation of stigmasterol glucoside and luteolin via green synthesis of silver nanoparticles using biomass of *Plectranthus asirensis*. 2018, Nov 09, 11(4): 523-533.

[2]. Kamei H, et al. Screening of Euphorbiaceae Plant Extracts for Anti-5 α -reductase. *Biol Pharm Bull.* 2018;41(8):1307-1310.

Caution: Product has not been fully validated for medical applications. For research use only.

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