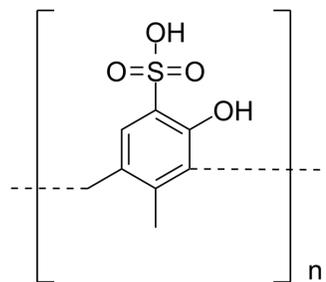


Policresulen

Cat. No.:	HY-W129596
CAS No.:	101418-00-2
Molecular Formula:	(C ₈ H ₁₀ O ₄ S) _n
Target:	Virus Protease
Pathway:	Anti-infection
Storage:	4°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)



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 100 mg/mL (Need ultrasonic) DMSO : 50 mg/mL (Need ultrasonic)
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BIOLOGICAL ACTIVITY

Description	Policresulen is a potent inhibitor of DENV2 NS2B/NS3 protease (IC ₅₀ of 0.48 µg/mL). Policresulen inhibits DENV2 replication in BHK-21 cells with IC ₅₀ of 4.99 µg/mL. Policresulen acts as a competitive inhibitor of the protease, and slightly affects the protease stability ^[1] .
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REFERENCES

[1]. Wu DW, et al. Policresulen, a novel NS2B/NS3 protease inhibitor, effectively inhibits the replication of DENV2 virus in BHK-21 cells. *Acta Pharmacol Sin.* 2015;36(9):1126-1136.

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

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