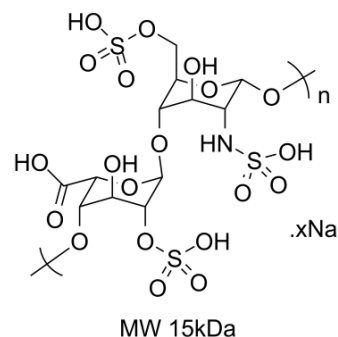


## Heparin sodium salt (MW 15kDa)

Cat. No.:	HY-17567C		
CAS No.:	9041-08-1		
Molecular Formula:	$(C_{14}H_{25}NO_{20}S_3)_n \cdot xNa$		
Target:	Thrombin; Factor Xa; Autophagy		
Pathway:	Metabolic Enzyme/Protease; Autophagy		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

In Vitro	H <sub>2</sub> O : 20 mg/mL (Need ultrasonic)
	DMSO : 1 mg/mL (ultrasonic and warming and heat to 80°C)

### BIOLOGICAL ACTIVITY

Description	Heparin sodium salt (MW 15kDa) (Sodium heparin (MW 15kDa)) is a polymer of Heparin with the molecular weight of 15kDa. Heparin sodium salt is an anticoagulant which binds reversibly to antithrombin III (ATIII) and greatly accelerates the rate at which ATIII inactivates coagulation enzymes thrombin factor IIa and factor Xa <sup>[1]</sup> .
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### REFERENCES

[1]. Capila I, et al. Heparin-protein interactions. *Angew Chem Int Ed Engl.* 2002 Feb 1;41(3):391-412.

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

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