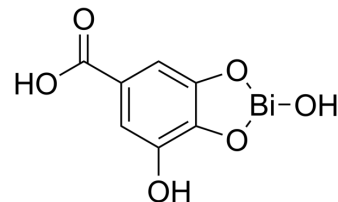


Bismuth subgallate

Cat. No.:	HY-B1560
CAS No.:	99-26-3
Molecular Formula:	C ₇ H ₅ BiO ₆
Molecular Weight:	394.09
Target:	Factor Xa
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : < 0.1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble)
	DMSO : < 1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble or slightly soluble)

BIOLOGICAL ACTIVITY

Description	Bismuth subgallate, a hemostatic agent, acts on coagulation factor XII (Hageman factor), leading to the activation of the coagulation cascade and improving early formation of a fibrin clot ^{[1][2]} .
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REFERENCES

- [1]. Thorisdottir H, Ratnoff OD, Maniglia AJ. Activation of Hageman factor (factor XII) by bismuth subgallate, a hemostatic agent. *J Lab Clin Med.* 1988;112(4):481-486.
- [2]. Puia SA, Renou SJ, Rey EA, Guglielmotti MB, Bozzini CE. Effect of bismuth subgallate (a hemostatic agent) on bone repair; a histologic, radiographic and histomorphometric study in rats. *Int J Oral Maxillofac Surg.* 2009;38(7):785-789.

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

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