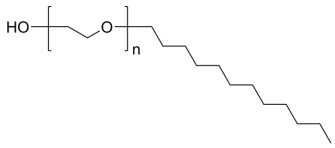
Polidocanol

Cat. No.:	HY-B2106
CAS No.:	9002-92-0
Molecular Formula:	$(C_2H_4O)nC_{12}H_{26}O$
Target:	Others
Pathway:	Others
Storage:	Pure form -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro	H_2O : 50 mg/mL (Need ultrasonic) DMSO : 50 mg/mL (Need ultrasonic)
In Vivo	1. Add each solvent one by one: PBS Solubility: 120 mg/mL (Infinity mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description	Polidocanol is a sclerosing agent used successfully to treat extremity and esophageal varices and telangiectasias.
In Vivo	Polidocanol (0.5%, 1%, and 2%) results in significantly more adhesions than tetracycline, whereas the effect of diluted polidocanol is similar to that of tetracycline in rats. The higher concentrations of polidocanol, of 0.5%, 1%, and 2% are more effective than either the diluted polidocanol or tetracycline against pleurodesis[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Cetin B, et al. Polidocanol at different concentrations for pleurodesis in rats. Surg Today. 2005;35(12):1066-9.

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

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