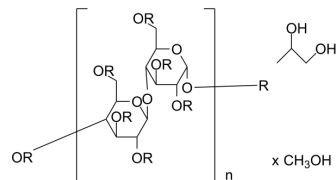


HPMC (Type II, Viscosity:5mPa.s)

Cat. No.:	HY-A0104J		
CAS No.:	9004-65-3		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
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 ₂ O : 100 mg/mL (Need ultrasonic)
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BIOLOGICAL ACTIVITY

Description HPMC (Hypromellose) (Type II, Viscosity:5mPa.s) is a hydrophilic, non-ionic cellulose ether used to form swellable-soluble matrices. HPMC (Type II, Viscosity:5mPa.s) is widely used in agent formulations due to its biocompatibility, uncharged nature, solubility in water and thermoplastic behavior^{[1][2]}.

In Vitro HPMC (Type II, Viscosity:5mPa.s) provides the release of a drug in a controlled manner, effectively increasing the duration of release of a drug to prolong its therapeutic effect^[1].
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Li CL, Martini LG, Ford JL, Roberts M. The use of hypromellose in oral drug delivery. J Pharm Pharmacol. 2005 May;57(5):533-46.

[2]. Tundisi LL, et al. Hydroxypropyl methylcellulose: Physicochemical properties and ocular drug delivery formulations. Eur J Pharm Sci. 2021 Apr 1;159:105736.

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

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