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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC Handels GmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

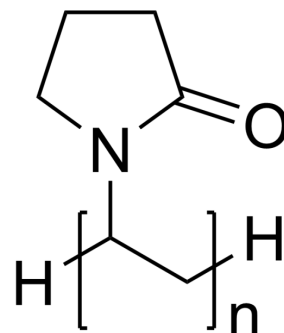
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Polyvinylpyrrolidone K90

Cat. No.:	HY-B1620H
CAS No.:	9003-39-8
Molecular Formula:	(C ₆ H ₉ NO) _n
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Store at room temperature, keep dry and cool



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (Need ultrasonic)
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BIOLOGICAL ACTIVITY

Description	Polyvinylpyrrolidone K90 can be used to prepare drug delivery systems, such as electrospun nanofibrous membranes. Polyvinylpyrrolidone K90 is widely used in human and veterinary medicine as an effective wound healing promoter and disinfectant when combined with iodine and other compounds. In addition, Polyvinylpyrrolidone K90 is also used to stabilize nanosuspensions, interact with the surface of drug crystals, and remain bound to the surface after drying ^{[1][2][3]} .
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REFERENCES

- [1]. Shivappa RB, et al. Laboratory evaluation of different formulations of Stress Coat? for slime production in goldfish (*Carassius auratus*) and koi (*Cyprinus carpio*). *PeerJ*. 2017 Sep 6;5:e3759.
- [2]. Dai, et al. Electrospun emodin polyvinylpyrrolidone blended nanofibrous membrane: a novel medicated biomaterial for drug delivery and accelerated wound healing. *Journal of Materials Science: Materials in Medicine* 23 (2012): 2709-2716.
- [3]. Kayaert, et al. An investigation of the adsorption of hydroxypropylmethyl cellulose 2910 5 mPa s and polyvinylpyrrolidone K90 around Naproxen nanocrystals. *Journal of pharmaceutical sciences* 101.10 (2012): 3916-3923.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA