

## Polyvinylpyrrolidone (average MW~10000)

## Chemical Properties

CAS No. :

Formula: (C<sub>6</sub>H<sub>9</sub>NO)<sub>n</sub>

Molecular Weight:

Storage: Store at RT

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Polyvinylpyrrolidone, average Mw~10000 is a multifunctional synthetic polymer with an average molecular weight of 10,000 Da. Polyvinylpyrrolidone, average Mw~10000 is widely used in nanoparticle synthesis. As a versatile excipient, Polyvinylpyrrolidone, average Mw~10000 can be used in both conventional formulations and novel controlled-release or targeted delivery systems, serving as a binder, coating agent, suspending agent, pore-forming agent, solubilizer, stabilizer, and other roles.
Targets(IC50)	Others

## Reference

Namasivayam M, et al. A Comparative Study on the Role of Polyvinylpyrrolidone Molecular Weight on the Functionalization of Various Carbon Nanotubes and Their Composites. *Polymers (Basel)*. 2021;13(15):2447.

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