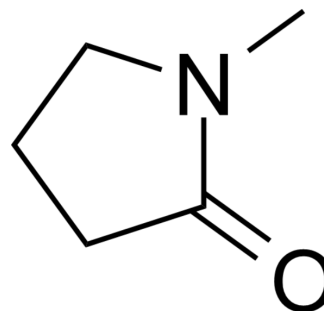


N-Methylpyrrolidone

Cat. No.:	HY-Y1275		
CAS No.:	872-50-4		
Molecular Formula:	C ₅ H ₉ NO		
Molecular Weight:	99.13		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
Storage:	Pure form	-20°C	3 years
		4°C	2 years



SOLVENT & SOLUBILITY

In Vitro DMSO : 100 mg/mL (1008.78 mM; Need ultrasonic)

BIOLOGICAL ACTIVITY

Description N-Methylpyrrolidone (1-Methyl-2-pyrrolidinone), a five-membered cyclic amide, is an organic polar solvent. N-Methylpyrrolidone is extensively used in the manufacture of adhesives, paints, fuels, and pharmaceuticals^{[1][2]}.

REFERENCES

[1]. Jing Wang, et al. Nitrate stimulation of N-Methylpyrrolidone biodegradation by *Paracoccus pantotrophus*: Metabolite mechanism and Genomic characterization. *Bioresour Technol.* 2019 Dec;294:122185.

[2]. Claudia Julieta Solís-González, et al. Novel Metabolic Pathway for N-Methylpyrrolidone Degradation in *Alicyclophilus* sp. Strain BQ1. *Appl Environ Microbiol.* 2017 Dec 15;84(1):e02136-17.

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