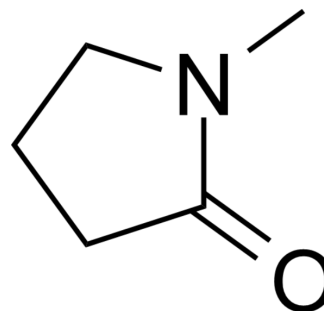


N-Methylpyrrolidone

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.

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