

Product Data Sheet

Formamide

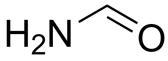
Cat. No.: HY-Y0842 CAS No.: 75-12-7 Molecular Formula: CH₃NO Molecular Weight: 45.04

Target: **Biochemical Assay Reagents**

Pathway: Others

Storage: Pure form -20°C 3 years

2 years



SOLVENT & SOLUBILITY

H₂O: 100 mg/mL (2220.25 mM; Need ultrasonic) In Vitro

DMSO: 100 mg/mL (2220.25 mM; Need ultrasonic)

BIOLOGICAL ACTIVITY

Description	Formamide is a denaturant of DNA which can lower DNA stability in aqueous buffer solutions. Formamide is also used as a
	solvent for many ionic compounds, resins and plasticizers or as a chemical feedstock $[1][2]$

IC₅₀ & Target Human Endogenous Metabolite

REFERENCES

[1]. Kamineni VK, et al. Layer-by-layer nanoassembly of polyelectrolytes using formamide as the working medium. Langmuir. 2007;23(14):7423-7.

[2]. Blake RD, et al. Thermodynamic effects of formamide on DNA stability. Nucleic Acids Res. 1996 Jun 1;24(11):2095-103.

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

Page 1 of 1

Screening Libraries

Inhibitors

Proteins