



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

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

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

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Formamide

Cat. No.:	HY-Y0842
CAS No.:	75-12-7
Molecular Formula:	CH <sub>3</sub> NO
Molecular Weight:	45.04
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Pure form   -20°C   3 years 4°C   2 years



### SOLVENT & SOLUBILITY

In Vitro	H <sub>2</sub> O : 100 mg/mL (2220.25 mM; Need ultrasonic) 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 <sup>[1][2]</sup> .
IC <sub>50</sub> & 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