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Zuschläge

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SZABO-SCANDIC Handels GmbH

Quellenstraße 110, A-1100 Wien

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

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

mail@szabo-scandic.com

www.szabo-scandic.com

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

Formamide (Standard)

Cat. No.:	HY-Y0842R
CAS No.:	75-12-7
Molecular Formula:	CH ₃ NO
Molecular Weight:	45.04
Target:	Biochemical Assay Reagents; Apoptosis
Pathway:	Others; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Formamide (Standard) is the analytical standard of Formamide. This product is intended for research and analytical applications. Formamide is an effective DNA denaturant that significantly reduces the stability of DNA in buffer solutions. It induces apoptosis by promoting the formation of cyclic nucleotides and the phosphorylation and dephosphorylation processes of nucleotides, making it useful in cancer research. Formamide can also be used as a decalcifying agent for rat cardiac cells. Additionally, formamide is widely used as a solvent or chemical raw material for ion compounds, resins, and plasticizers.^{[1][2][3][4][5][6][7]}

REFERENCES

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- [7]. National Toxicology Program. Toxicology and carcinogenesis studies of formamide (Cas No. 75-12-7) in F344/N rats and B6C3F1 mice (gavage studies). *Natl Toxicol Program Tech Rep Ser*. 2008 Jul;(541):1-192.

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