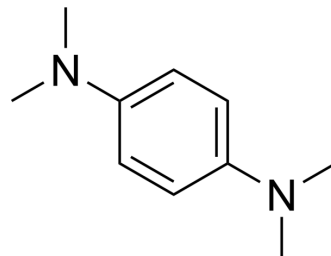


N,N,N',N'-Tetramethyl-p-phenylenediamine

Cat. No.:	HY-W021358
CAS No.:	100-22-1
Molecular Formula:	C ₁₀ H ₁₆ N ₂
Molecular Weight:	164.25
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

N,N,N',N'-Tetramethyl-p-phenylenediamine (TMPD) is a redox indicator. N,N,N',N'-Tetramethyl-p-phenylenediamine can be used for the research of impairment of cell respiration^{[1][2]}.

REFERENCES

- [1]. Zhou S, Yao Y, et al. A cytochrome c-enhanced peroxidation reaction with potential use in screening dietary antioxidants. J Pharm Biomed Anal. 2004 Mar 10;34(5):1057-61.
- [2]. Sarti P, et al. Permeability of rat heart myocytes to cytochrome c. Cell Mol Life Sci. 1999 Dec;56(11-12):1061-9.

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