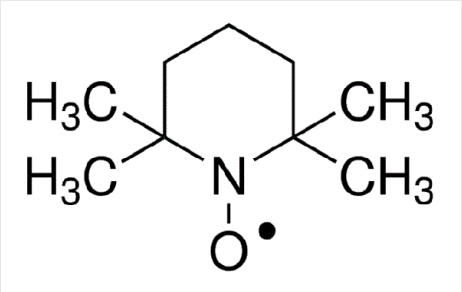
TEMPO Small Molecule

PRODUCT OVERVIEW

Product Name	TEMPO, Small Molecule
Full Product Name	TEMPO
Product Gene Name	TEMPO small molecule
Product Synonym Names	Stabilized free radical; 2,2,6,6-Tetramethylpiperidine 1-oxyl; 2,2,6,6-Tetramethyl-1-piperidinyloxy; free radical; (2,2,6,6-Tetramethyl-1-piperidinyl)oxidanyl; 1,1,5,5-tetramethylpentamethylene nitroxide; 2,2,6,6-Tetramethylpiperidine-1-oxyl
Host	Synthetic
Form/Format	White solid
Purity/Purification	>98%
Preparation and Storage	Store at -20 degree C.
Molecular Weight	156.25
Solubility	Soluble in 50 mg/ml of ethanol
CAS Number	2564-83-2
Molecular Formula	C9H18NO
SMILES	CC1(CCCC(N1[O])(C)C)C
InChI	1S/C9H18NO/c1-8(2)6-5-7-9(3,4)10(8)11/h5-7H2,1-4H3
InChI Key	QYTDEUPAUMOIOP-UHFFFAOYSA-N
PubChem CID	2724126
Product Categories/Family for TEMPO small molecule	Small Molecules; Inhibitor; Cancer; Oxidative Stress
Related Product Information for TEMPO small molecule	TEMPO is widely used as a radical trap, as a structural probe for biological systems in conjunction with electron spin resonance spectroscopy, as a reagent in organic synthesis, and as a mediator in controlled free radical polymerization (1).
Product References and Citations for TEMPO small molecule	1. Montanari F., Quici S., Henry-Riyad H., Tidwell T.T. (2005) Encyclopedia of Reagents for Organic Synthesis. John Wiley & Sons.
Other Notes	Small volumes of TEMPO small molecule vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TEMPO purchase	MBS807936 is a small molecule targeting TEMPO. Host: Synthetic.



Chemical Structure of TEMPO small molecule
Chemical structure of TEMPO (SIH-155), a Stabilized free radical. CAS #: 2564-83-2.
Molecular Formula: C9H18NO . Molecular Weight: 156.25 g/mol.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TEMPO. It may not necessarily be applicable to this product.

Protein Family	Temporin
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/small-molecule/tempo/807936