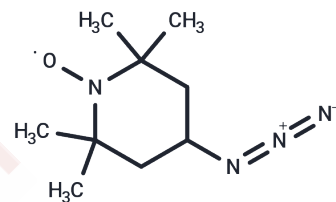


N3-TEMPO

Chemical Properties

CAS No. :	63697-61-0
Formula:	C ₉ H ₁₇ N ₄ O*
Molecular Weight:	197.26
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	N3-TEMPO is an azide-functionalized TEMPO spin label. It is used for bioorthogonal labeling via click chemistry and EPR spectroscopy to investigate protein and nucleic acid dynamics.
Targets(IC50)	Others
In vitro	N3-TEMPO enables precise molecular labeling via click chemistry (CuAAC/SPAAC) without interfering with native protein functional groups [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.0695 mL	25.3473 mL	50.6945 mL
5 mM	1.0139 mL	5.0695 mL	10.1389 mL
10 mM	0.5069 mL	2.5347 mL	5.0695 mL
50 mM	0.1014 mL	0.5069 mL	1.0139 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Barrett JA, et al. Pharmacology of RG W-2938: a cardiostimulant agent with vasodilator activity. J Cardiovasc Pharmacol. 1990 Oct;16(4):537-45.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481