

NOVA HydroxyTEMPO™

NOVA HydroxyTEMPO™ is a stable free radical nitroxyl useful in inhibiting free radical reactions, as well as a wide variety of other synthetic applications. There are hundreds of references in Chemical Abstracts. Nova produces other fine chemicals, including a variety of hindered amines and nitroxyls.

General Information

Color and Form @ 25°C: Orange Crystalline Powder
Molecular Weight: 172.25

Specifications

Typical	Specification	
Purity, GC	98%	93% minimum
Melting Point	71°C	
Vapor Pressure	100 mmHg @ 197°C	

Properties

- Inhibits free radical reactions
- Oxidizing agent

Suggested Uses

- Polymerization inhibitor
- Light stabilizers
- Selective oxidizing agent
- ESR spin probe

References

E.G. Rozantsev, Free Nitroxyl Radicals, Plenum Press, New York (1970).

Packaging and Shipping

FOB, Texas, USA. Sold in 1 kilo glass bottle quantities, contact sales for high volume options. Samples are available from Sigma-Aldrich.

NOVA HydroxyTEMPO™, CAS# 2226-96-2, is listed on the U. S. TSCA Inventory, the EINECS List for sale in the European Economic Community (EC#218-760-9) and the Canadian Domestic Substance List. Registration in Japan and Australia has not been determined.

NOVA HydroxyTEMPO™ is sold without expressed or implied warranty. Nova Molecular Technologies, Inc. assumes no liability for usage in violation of patent or other rights.