



www.parchem.com



GIVE US A CALL
800-282-3982
914-654-6800

GET A QUICK QUOTE

Typical Product Specifications & Properties

1-Methyl-3-Nitro-1H-Pyrazole

CAS Number: : 54210-32-1

Specifications	Limits
Molecular weight	127.10
SMILES	<chem>c1([N+](=[O-])=O)nn(C)cc1</chem>
InChI	1S/C4H5N3O2/c1-6-3-2-4(5-6)7(8)9/h2-3H,1H3
InChIKey	KLAQNTBUXCCZHC-UHFFFAOYSA-N
Molecular weight	147.09
EINECS	200-730-1
SMILES	<chem>C(N(N=O)C)(N[N+](=O)[O-])=N</chem>
InChI	1S/C2H5N5O3/c1-6(5-8)2(3)4-7(9)10/h1H3,(H2,3,4)
InChIKey	VZUNGT LZRAYYDE-UHFFFAOYSA-N
Atmospheric OH Rate Constant	1.26E-12 cm ³ /molecule-sec
Melting Point	118 (dec) ° C
Water solubility	2.67E+05 mg/L



GET A QUICK QUOTE

415 Huguenot Street, New Rochelle, New York 10801

Disclaimer: this is a web generated product specification and property document. All information on this document is subject to reconfirmation at time of quote and order.



www.parchem.com



GIVE US A CALL
800-282-3982
914-654-6800

GET A QUICK QUOTE

Specifications	Limits
log P (octanol-water)	-0.920
Henry's Law Constant	1.22E-12 atm-m ³ /mole
Vapor Pressure	1.20E-04 mm Hg
Water solubility	Reacts violently
Melting Point	118°C (dec.)
Storage Temperature	0-6°C
Stability	Unstable. Reacts violently with water. May detonate under impact. Heat, light and moisture sensitive. May explode if stored in sealed ampules. Highly flammable. Incompatible with aqueous solutions, acids, bases, oxidizing agents, reducing agents
Merck	6103



GET A QUICK QUOTE

415 Huguenot Street, New Rochelle, New York 10801

Disclaimer: this is a web generated product specification and property document. All information on this document is subject to reconfirmation at time of quote and order.