TRIS(2-METHYL-1-AZIRIDINYL)PHOSPHINE OXIDE

Other names: 1,1',1''-Phosphinylidynetris(2-methyl)aziridine
Aziridine, 1,1',1''-phosphinylidynetris[2-methyl-
C 3172
EMT 50,003
ENT 50,003
MAPO
Metapa
Metapoxide
Metepa
Methaphoxide
Methyl aphoxide
N,N',N''-Tris(1-methylethylene)phosphoramide
NSC 54054
Phosphine oxide, tris(1-(2-methyl)aziridinyl)-
Phosphine oxide, tris(2-methyl-1-aziridinyl)-
TEPA
Trimethylaziridinylphosphine oxide
Tris(1,2-propylene)phosphoramide
Tris(1-methylethylene)phosphoric triamide
Tris(2-methyl-1-aziridinyl)phosphine oxide
Tris(2-methylaziridin-1-yl)phosphine oxide
Tris(2-methylaziridinyl)phosphine oxide
Tris(methylaziridinyl)phosphine oxide

Inchi: InChI=1S/C9H18N3OP/c1-7-4-10(7)14(13,11-5-8(11)2)12-6-9(12)3/h7-9H,4-6H2,1-3H3

InchiKey: AVUYXHYHTTVPRX-UHFFFAOYSA-N

Formula: C9H18N3OP

SMILES: CC1CN1P(=O)(N1CC1C)N1CC1C

Mol. weight [g/mol]: 215.24

Physical Properties

Property code	Value	Unit	Source
logp	1.207		Crippen Method
mcvol	161.360	ml/mol	McGowan Method

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C57396&Units=SI

Legend

logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume