Triethylenemelamine

Other names:
1,3,5-Triazine, 2,4,6-tris(1-aziridinyl)-
s-Triazine, 2,4,6-tris(1-aziridinyl)-
Aziridine, 1,1',1''-s-triazine-2,4,6-triyltris-
DRP 859025
ENT 25,296
M 9500
Melamine, triethylene-
NSC-9706
Persistol
Persistol Ho 1/193
Persistol Hoe 1/193
R 246
SK 1133
Tem-Simes
Tretamin
Tretamine
Triamelin
Triaziridinyl triazine
Triethanomelamine
Tris(ethyleneimino)triazine
Trisaziridinyltriazine
TAT
TEM
TEM (cytostatic)
TET
1,1',1''-s-Triazine-2,4,6-triyltrisaziridine
2,4,6-Tri(ethyleneimino)-s-triazine
2,4,6-Tri(ethyleneimino)-1,3,5-triazine
2,4,6-Tri(ethylenimino)-s-triazine
2,4,6-Tri(ethylenimino)-1,3,5-triazine
2,4,6-Tris(ethyleneimino)-s-triazine
2,4,6-Tris(ethylenimino)-s-triazine
2,4,6-Tris(1-aziridinyl)-s-triazine
2,4,6-Tris(1-aziridinyl)-1,3,5-triazine
Triaethylenmelamin
2,4,6-Tris(1'-aziridinyl)-1,3,5-triazine
Trisethyleneimino-1,3,5-triazine

Inchi: InChI=1S/C9H12N6/c1-2-13(1)7-10-8(14-3-4-14)12-9(11-7)15-5-6-15/h1-6H2

InchiKey: IUCJMVBFZDHPDX-UHFFFAOYSA-N

Formula: C9H12N6

SMILES: C1CN1c1nc(N2CC2)nc(N2CC2)n1
Mol. weight [g/mol]: 204.23
CAS: 51-18-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.18		Crippen Method
logp	-0.668		Crippen Method
mcvol	141.210	ml/mol	McGowan Method

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C51183&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume