

trans-1-Methyl-2-tert-butyl-3-(tert-butylimino)diaziridine

Inchi:	InChI=1S/C10H21N3/c1-9(2,3)11-8-12(7)13(8)10(4,5)6/h1-7H3/b11-8+
InchiKey:	BNHBWAIBRZBZPO-DHZHZOJOSA-N
Formula:	C10H21N3
SMILES:	CN1C(=NC(C)(C)C)N1C(C)(C)C
Mol. weight [g/mol]:	183.29
CAS:	23044-57-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.41		Crippen Method
logp	2.102		Crippen Method
mcvol	166.540	ml/mol	McGowan Method

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C23044577&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

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