3,5-Dihydro-4-(methylimino)-4H-pyrazole, 3,3,5,5-tetramethyl-

Inchi: InChI=1S/C8H15N3/c1-7(2)6(9-5)8(3,4)11-10-7/h1-5H3
InchiKey: WBWCGDWWBYLMIF-UHFFFAOYSA-N
Formula: C8H15N3
SMILES: CN=C1C(C)(C)N=NC1(C)C
Mol. weight [g/mol]: 153.22
CAS: 72443-11-9

Physical Properties

Property code	Value	Unit	Source
hf	102.92	kJ/mol	Joback Method
hvap	47.90	kJ/mol	Joback Method
ie	8.00	eV	NIST Webbook
log10ws	-1.71		Crippen Method
logp	2.080		Crippen Method
mcvol	134.060	ml/mol	McGowan Method
pc	2956.90	kPa	Joback Method
tb	579.25	K	Joback Method
tc	831.62	K	Joback Method

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
Joback Method: https://en.wikipedia.org/wiki/Joback_method
McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C72443119&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

hf: Enthalpy of formation at standard conditions
hvap: Enthalpy of vaporization at standard conditions

ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
pc:	Critical Pressure
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature