Dimethylamine, n-nitroso-, d6

Inchi: InChI=1S/C2H6N2O/c1-4(2)3-5/h1-2H3/i1D3,2D3
InchiKey: UMFJAHHVKNCGLG-WFGJKAKNSA-N
Formula: C2D6N2O
SMILES: CN(C)N=O
Mol. weight [g/mol]: 80.12

Physical Properties

Property code	Value	Unit	Source
hf	-185.27	kJ/mol	Joback Method
hvap	31.19	kJ/mol	Joback Method
log10ws	-0.41		Crippen Method
logp	0.229		Crippen Method
mcvol	60.570	ml/mol	McGowan Method
pc	4890.21	kPa	Joback Method
tb	321.00	K	Joback Method
tc	487.31	K	Joback Method

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
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=B6009735&Units=SI

Legend

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