Urea, 3-(p-methoxyphenyl)-1-methyl-1-nitroso-

Inchi: InChI=1S/C9H11N3O3/c1-12(11-14)9(13)10-7-3-5-8(15-2)6-4-7/h3-6H,1-2H3,(H,10,13)
InchiKey: SFNFVNDISFHEMX-UHFFFAOYSA-N
Formula: C9H11N3O3
SMILES: COc1ccc(NC(=O)N(C)N=O)cc1
Mol. weight [g/mol]: 209.20
CAS: 25355-59-3

Physical Properties

Property code	Value	Unit	Source
hf	-296.02	kJ/mol	Joback Method
hvap	65.30	kJ/mol	Joback Method
log10ws	-2.53		Crippen Method
logp	1.840		Crippen Method
mcvol	152.860	ml/mol	McGowan Method
pc	3352.86	kPa	Joback Method
tb	639.28	K	Joback Method
tc	848.58	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=C25355593&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