Ethanimidic acid, N-methyl-, methyl ester

Inchi: InChI=1S/C4H9NO/c1-4(5-2)6-3/h1-3H3/b5-4-
InchiKey: ZVSTUQXCWRZVJO-PLNGDYQASA-N
Formula: C4H9NO
SMILES: CN=C(C)OC
Mol. weight [g/mol]: 87.12
CAS: 3619-34-9

Physical Properties

Property code	Value	Unit	Source
hf	-185.68	kJ/mol	Joback Method
hvap	30.30	kJ/mol	Joback Method
log10ws	-0.24		Crippen Method
logp	0.681		Crippen Method
mcvol	78.770	ml/mol	McGowan Method
pc	3384.14	kPa	Joback Method
tb	389.90	K	Joback Method
tc	583.98	K	Joback Method

Sources

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=C3619349&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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

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