O-methyloxime hexadecanal

Inchi: InChI=1S/C17H35NO/c1-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-2/h17H,3-16H2,1
InchiKey: WEWMVFJERXHKOV-ISLYRVAYSA-N
Formula: C17H35NO
SMILES: CCCCCCCCCCCCCCCC=NOC
Mol. weight [g/mol]: 269.47

Physical Properties

Property code	Value	Unit	Source
hf	-444.21	kJ/mol	Joback Method
hvap	59.16	kJ/mol	Joback Method
log10ws	-6.18		Crippen Method
logp	6.100		Crippen Method
mcvol	261.940	ml/mol	McGowan Method
pc	1132.15	kPa	Joback Method
rinpol	1890.00		NIST Webbook
rinpol	1905.00		NIST Webbook
rinpol	1905.00		NIST Webbook
rinpol	1890.00		NIST Webbook
tb	687.46	K	Joback Method
tc	860.71	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=R213702&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
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature