2-Hexadecenal, O-methyloxime

Inchi: InChI=1S/C17H33NO/c1-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-2/h15-17H,3-14H
InchiKey: SOXLHCDQCOQZEY-DXZOWXIBSA-N
Formula: C17H33NO
SMILES: CCCCCCCCCCCCCC=CC=NOC
Mol. weight [g/mol]: 267.45

Physical Properties

Property code	Value	Unit	Source
hf	-326.99	kJ/mol	Joback Method
hvap	59.12	kJ/mol	Joback Method
log10ws	-6.03		Crippen Method
logp	5.876		Crippen Method
mcvol	257.640	ml/mol	McGowan Method
pc	1172.83	kPa	Joback Method
rinpol	1954.00		NIST Webbook
rinpol	1954.00		NIST Webbook
tb	691.62	K	Joback Method
tc	869.59	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=R528371&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

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