p-methoxybenzylidene-decyl-amine

Inchi: InChI=1S/C18H29NO/c1-3-4-5-6-7-8-9-10-15-19-16-17-11-13-18(20-2)14-12-17/h11-14,1
InchiKey: AONKHBCLDAWEQJ-KNTRCKAVSA-N
Formula: C18H29NO
SMILES: CCCCCCCCCCN=Cc1ccc(OC)cc1
Mol. weight [g/mol]: 275.43

Physical Properties

Property code	Value	Unit	Source
hf	-239.79	kJ/mol	Joback Method
hvap	64.32	kJ/mol	Joback Method
log10ws	-5.43		Crippen Method
logp	5.255		Crippen Method
mcvol	252.270	ml/mol	McGowan Method
pc	1320.39	kPa	Joback Method
rinpol	2227.00		NIST Webbook
tb	742.00	K	Joback Method
tc	940.77	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=R160113&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