p-methoxybenzylidene-octyl-amine

Inchi: InChI=1S/C16H25NO/c1-3-4-5-6-7-8-13-17-14-15-9-11-16(18-2)12-10-15/h9-12,14H,3-8
InchiKey: FERXSVGPUVMBKG-UHFFFAOYSA-N
Formula: C16H25NO
SMILES: CCCCCCCCN=Cc1ccc(OC)cc1
Mol. weight [g/mol]: 247.38

Physical Properties

Property code	Value	Unit	Source
hf	-198.51	kJ/mol	Joback Method
hvap	59.87	kJ/mol	Joback Method
log10ws	-4.59		Crippen Method
logp	4.475		Crippen Method
mcvol	224.090	ml/mol	McGowan Method
pc	1525.88	kPa	Joback Method
rinpol	2033.00		NIST Webbook
tb	696.24	K	Joback Method
tc	898.82	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=R160153&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