p-methoxybenzylidene-pentyl-amine

Inchi: InChI=1S/C13H19NO/c1-3-4-5-10-14-11-12-6-8-13(15-2)9-7-12/h6-9,11H,3-5,10H2,1-2H
InchiKey: ZSDWIMPRCWPYGZ-UHFFFAOYSA-N
Formula: C13H19NO
SMILES: CCCCCN=Cc1ccc(OC)cc1
Mol. weight [g/mol]: 205.30

Physical Properties

Property code	Value	Unit	Source
hf	-136.59	kJ/mol	Joback Method
hvap	53.19	kJ/mol	Joback Method
log10ws	-3.33		Crippen Method
logp	3.304		Crippen Method
mcvol	181.820	ml/mol	McGowan Method
pc	1937.24	kPa	Joback Method
rinpol	1706.00		NIST Webbook
tb	627.60	K	Joback Method
tc	838.91	K	Joback Method

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
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=R160168&Units=SI

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

Latest version available from:

https://www.chemeo.com/cid/67-548-0/p-methoxybenzylidene-pentyl-amine.pdf

Generated by Cheméo on 2024-04-27 14:28:28.12362862 +0000 UTC m=+16517357.044205937.

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.