p-methoxybenzylidene-heptyl-amine

Inchi: InChI=1S/C15H23NO/c1-3-4-5-6-7-12-16-13-14-8-10-15(17-2)11-9-14/h8-11,13H,3-7,12
InchiKey: XWGIGRJYQXRSDI-DTQAZKPQSA-N
Formula: C15H23NO
SMILES: CCCCCCCN=Cc1ccc(OC)cc1
Mol. weight [g/mol]: 233.35

Physical Properties

Property code	Value	Unit	Source
hf	-177.87	kJ/mol	Joback Method
hvap	57.65	kJ/mol	Joback Method
log10ws	-4.17		Crippen Method
logp	4.084		Crippen Method
mcvol	210.000	ml/mol	McGowan Method
pc	1647.09	kPa	Joback Method
rinpol	1936.00		NIST Webbook
tb	673.36	K	Joback Method
tc	878.49	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R160128&Units=SI
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

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

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