p-chlorobenzylidene-decyl-amine

Inchi: InChI=1S/C17H26ClN/c1-2-3-4-5-6-7-8-9-14-19-15-16-10-12-17(18)13-11-16/h10-13,15H
InchiKey: CRDAAOTUPRNXEM-XDJHFCHBSA-N
Formula: C17H26ClN
SMILES: CCCCCCCCCCN=Cc1ccc(Cl)cc1
Mol. weight [g/mol]: 279.85

Physical Properties

Property code	Value	Unit	Source
hf	-102.67	kJ/mol	Joback Method
hvap	64.07	kJ/mol	Joback Method
log10ws	-5.99		Crippen Method
logp	5.900		Crippen Method
mcvol	244.550	ml/mol	McGowan Method
pc	1396.46	kPa	Joback Method
rinpol	2163.00		NIST Webbook
rinpol	2163.00		NIST Webbook
tb	734.13	K	Joback Method
tc	939.43	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R159881&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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