(p-methylbenzylidene)-octyl-amine

Inchi: InChI=1S/C16H25N/c1-3-4-5-6-7-8-13-17-14-16-11-9-15(2)10-12-16/h9-12,14H,3-8,13H2
InchiKey: DUYWJSXROTZXSC-SAPNQHFASA-N
Formula: C16H25N
SMILES: CCCCCCCCN=Cc1ccc(C)cc1
Mol. weight [g/mol]: 231.38

Physical Properties

Property code	Value	Unit	Source
hf	-66.29	kJ/mol	Joback Method
hvap	57.46	kJ/mol	Joback Method
log10ws	-4.95		Crippen Method
logp	4.774		Crippen Method
mcvol	218.220	ml/mol	McGowan Method
pc	1546.35	kPa	Joback Method
rinpol	1881.00		NIST Webbook
tb	673.82	K	Joback Method
tc	878.02	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=R160391&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

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