(p-methylbenzylidene)-benzyl-amine

Inchi: InChI=1S/C15H15N/c1-13-7-9-15(10-8-13)12-16-11-14-5-3-2-4-6-14/h2-10,12H,11H2,1H
InchiKey: OSLKUQQWXYNANV-FOWTUZBSSA-N
Formula: C15H15N
SMILES: Cc1ccc(C=NCc2ccccc2)cc1
Mol. weight [g/mol]: 209.29

Physical Properties

Property code	Value	Unit	Source
hf	190.88	kJ/mol	Joback Method
hvap	57.51	kJ/mol	Joback Method
log10ws	-4.13		Crippen Method
logp	3.614		Crippen Method
mcvol	180.370	ml/mol	McGowan Method
pc	2233.41	kPa	Joback Method
rinpol	1929.00		NIST Webbook
rinpol	1929.00		NIST Webbook
tb	677.62	K	Joback Method
tc	928.08	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R160326&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
McGowan Method: http://link.springer.com/article/10.1007/BF02311772

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