

p-bromobenzylidene-pentyl-amine

Inchi:	InChI=1S/C12H16BrN/c1-2-3-4-9-14-10-11-5-7-12(13)8-6-11/h5-8,10H,2-4,9H2,1H3/b14
InchiKey:	OBSICVDVPNGWQA-GXDHUFHOSA-N
Formula:	C12H16BrN
SMILES:	CCCCCN=Cc1ccc(Br)cc1
Mol. weight [g/mol]:	254.17

Physical Properties

Property code	Value	Unit	Source
hf	42.60	kJ/mol	Joback Method
hvap	54.99	kJ/mol	Joback Method
log10ws	-4.38		Crippen Method
logp	4.058		Crippen Method
mcvol	179.360	ml/mol	McGowan Method
pc	2289.32	kPa	Joback Method
rinpol	1743.00		NIST Webbook
rinpol	1743.00		NIST Webbook
tb	648.46	K	Joback Method
tc	877.99	K	Joback Method

Sources

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=R159698&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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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