1-Bromobenzene, 4-(4-bromobenzylideneamino)-

Other names: p-bromobenzylidene-(4-bromophenyl)-amine
Inchi: InChI=1S/C13H9Br2N/c14-11-3-1-10(2-4-11)9-16-13-7-5-12(15)6-8-13/h1-9H
InchiKey: XHEOIZWWHIMMFR-UHFFFAOYSA-N
Formula: C13H9Br2N
SMILES: Brc1ccc(C=Nc2ccc(Br)cc2)cc1
Mol. weight [g/mol]: 339.02

Physical Properties

Property code	Value	Unit	Source
hf	273.35	kJ/mol	Joback Method
hvap	66.59	kJ/mol	Joback Method
log10ws	-5.66		Crippen Method
logp	4.962		Crippen Method
mcvol	187.190	ml/mol	McGowan Method
pc	3082.99	kPa	Joback Method
rinpol	2399.00		NIST Webbook
tb	769.16	K	Joback Method
tc	1053.70	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U221929&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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