Salicylidene p-bromoaniline

Other names:	Salicylidene p-bromoaniline
	Salicylidene-(p-bromoanil)
	«alpha»-(4-bromophenylimino)-o-cresol
	o-Cresol, «alpha»-(p-bromophenylimino)-
	Phenol, o-(p-bromophenylformimidoyl)-
	Phenol, 2-(((4-bromophenyl)imino)methyl)-
	Phenol, o-(N-(p-bromophenyl)formimidoyl)-
	Salicylaldehyde 4-bromanil
Inchi:	InChI=1S/C13H10BrNO/c14-11-5-7-12(8-6-11)15-9-10-3-1-2-4-13(10)16/h1-9,16H
InchiKey:	VWAMOQWOPYDCQR-UHFFFAOYSA-N
Formula:	C13H10BrNO
SMILES:	Oc1ccccc1C=Nc1ccc(Br)cc1
Mol. weight [g/mol]:	276.13

Physical Properties

Property code	Value	Unit	Source
hvap	97.79	kJ/mol	Cheméo Relay (1.0)
ie	7.70	eV	Cheméo Relay (1.0)
log10ws	-4.08		Cheméo Relay (1.0)
logp	3.905		Crippen Method
mcvol	175.560	ml/mol	McGowan Method
tb	632.59	K	Cheméo Relay (1.0)
tf	385.18	K	Cheméo Relay (1.0)

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C886340&Units=SI
Joback Method:	https://en.wikipedia.org/wiki/Joback_method
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

hvap:	Enthalpy of vaporization at standard conditions
ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tb:	Normal Boiling Point Temperature
tf:	Normal melting (fusion) point