2-(2-Hydroxybenzylideneamino)phenol

Other names:	Salicylidene-o-aminophenol
	N-(Salicylidene)-2-hydroxyaniline
	o-Salicylideneaminophenol
	Phenol, 2-[[(2-hydroxyphenyl)imino]methyl]-
	o-(Salicylidenimino)phenol
	o-Cresol, «alpha»-((o-hydroxyphenyl)imino)-
	Manganon
	N-Salicylidene-o-aminophenol
	Phenol, o-(salicylideneamino)-
	Phenol, O-(N-(o-hydroxyphenyl)formimidoyl)-
	Phenol, 2,2'-(methylidynenitrilo)di-
	Salicylal-o-aminophenol
	Salicylal-2-aminophenol
	2-Hydroxy-N-(2-hydroxybenzylidene)aniline
	2-Hydroxy-N-salicylideneaniline
	2-Hydroxyanilinosalicylidene
	2-Salicylideneaminophenol
	2-(Salicylidenamino)phenol
	N-(2-Hydroxyphenyl)salicylaldimine
	NSC 1555
	NSC 404030
	o-Hydroxy-N-salicylidene aniline
	o-[[(2-hydroxyphenyl)imino]methyl]phenol
Inchi:	InChI=1S/C13H11NO2/c15-12-7-3-1-5-10(12)9-14-11-6-2-4-8-13(11)16/h1-9,15-16H
InchiKey:	CHBGIQHEGBKNGA-UHFFFAOYSA-N
Formula:	C13H11NO2
SMILES:	Oc1ccccc1C=Nc1ccccc1O
Mol. weight [g/mol]:	213.23
CAS:	1761-56-4

Physical Properties

Property code	Value	Unit	Source
hf	-110.99	kJ/mol	Joback Method
hvap	78.43	kJ/mol	Joback Method
log10ws	-2.43		Crippen Method
logp	2.848		Crippen Method

mcvol	163.930	ml/mol	McGowan Method
pc	3853.09	kPa	Joback Method
tb	788.12	K	Joback Method
tc	1061.99	K	Joback Method

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C1761564&Units=SI

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

tb: Normal Boiling Point Temperature

tc: Critical Temperature