p-Hexyloxybenzylidene p-aminophenol

Other names: N-(p-Hexoxy benzylidene)-p-aminophenol
Inchi: InChI=1S/C19H23NO2/c1-2-3-4-5-14-22-19-12-6-16(7-13-19)15-20-17-8-10-18(21)11-9-
InchiKey: JRNVBZKAQTXOMH-UHFFFAOYSA-N
Formula: C19H23NO2
SMILES: CCCCCCOc1ccc(C=Nc2ccc(O)cc2)cc1
Mol. weight [g/mol]: 297.39
CAS: 50262-77-6

Physical Properties

Property code	Value	Unit	Source
hf	-201.21	kJ/mol	Joback Method
hvap	81.84	kJ/mol	Joback Method
log10ws	-5.10		Crippen Method
logp	5.102		Crippen Method
mcvol	248.470	ml/mol	McGowan Method
pc	1783.35	kPa	Joback Method
tb	872.18	K	Joback Method
tc	1107.87	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=C50262776&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