p-Nonyloxybenzylidene p-butylaniline

Inchi: InChI=1S/C26H37NO/c1-3-5-7-8-9-10-11-21-28-26-19-15-24(16-20-26)22-27-25-17-13-2
InchiKey: CJGFFRVFUUEUNN-UHFFFAOYSA-N
Formula: C26H37NO
SMILES: CCCCCCCCCOc1ccc(C=Nc2ccc(CCCC)cc2)cc1
Mol. weight [g/mol]: 379.58
CAS: 51749-28-1

Physical Properties

Property code	Value	Unit	Source
hf	-179.85	kJ/mol	Joback Method
hvap	85.07	kJ/mol	Joback Method
log10ws	-8.45		Crippen Method
logp	7.909		Crippen Method
mcvol	341.230	ml/mol	McGowan Method
pc	974.13	kPa	Joback Method
tb	956.70	K	Joback Method
tc	1178.02	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C51749281&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
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature