1-Hexanamine, N-(phenylmethylene)-

Other names: Hexylamine, N-benzylidene-
Benzylidene-hexyl-amine
Inchi: InChI=1S/C13H19N/c1-2-3-4-8-11-14-12-13-9-6-5-7-10-13/h5-7,9-10,12H,2-4,8,11H2,1H
InchiKey: CWAMCURXZDICGS-UHFFFAOYSA-N
Formula: C13H19N
SMILES: CCCCCCN=Cc1ccccc1
Mol. weight [g/mol]: 189.30
CAS: 19340-96-6

Physical Properties

Property code	Value	Unit	Source
hf	7.10	kJ/mol	Joback Method
hvap	50.12	kJ/mol	Joback Method
log10ws	-3.63		Crippen Method
logp	3.686		Crippen Method
mcvol	175.950	ml/mol	McGowan Method
pc	1992.98	kPa	Joback Method
rinpol	1567.00		NIST Webbook
tb	600.20	K	Joback Method
tc	812.96	K	Joback Method

Sources

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=C19340966&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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