(CH3)2N-C(4-CH3-C6H4)=NCH3

Inchi: InChI=1S/C11H16N2/c1-9-5-7-10(8-6-9)11(12-2)13(3)4/h5-8H,1-4H3/b12-11+
InchiKey: QSAAXBATIIHZBQ-VAWYXSNFSA-N
Formula: C11H16N2
SMILES: CN=C(c1ccc(C)cc1)N(C)C
Mol. weight [g/mol]: 176.26
CAS: 120235-03-2

Physical Properties

Property code	Value	Unit	Source
affp	1037.90	kJ/mol	NIST Webbook
basg	1005.50	kJ/mol	NIST Webbook
hf	94.65	kJ/mol	Joback Method
hvap	48.45	kJ/mol	Joback Method
log10ws	-1.92		Crippen Method
logp	1.933		Crippen Method
mcvol	157.750	ml/mol	McGowan Method
pc	2356.49	kPa	Joback Method
tb	571.74	K	Joback Method
tc	793.72	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C120235032&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
McGowan Method: http://link.springer.com/article/10.1007/BF02311772

Legend

affp: Proton affinity

basg:	Gas basicity
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