((CH3)2N)2C=N-(4-CH3O-C6H4)

Inchi: InChI=1S/C12H19N3O/c1-14(2)12(15(3)4)13-10-6-8-11(16-5)9-7-10/h6-9H,1-5H3
InchiKey: IHEVQCXBPONXGO-UHFFFAOYSA-N
Formula: C12H19N3O
SMILES: COc1ccc(N=C(N(C)C)N(C)C)cc1
Mol. weight [g/mol]: 221.30
CAS: 20815-35-4

Physical Properties

Property code	Value	Unit	Source
affp	1047.70	kJ/mol	NIST Webbook
basg	1015.20	kJ/mol	NIST Webbook
hf	9.32	kJ/mol	Joback Method
hvap	55.13	kJ/mol	Joback Method
log10ws	-1.55		Crippen Method
logp	1.806		Crippen Method
mcvol	187.690	ml/mol	McGowan Method
pc	2113.89	kPa	Joback Method
tb	629.48	K	Joback Method
tc	841.84	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=C20815354&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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