2H-Pyrimido[1,2-a]pyrimidine, 1,3,4,6,7,8-hexahydro-1-methyl-

Other names: 1,3,4,6,7,8-Hexahydro-1-methyl-2H-pyrimido(1,2-a)pyrimidine
7-Methyl-1,5,7-triazabicyclo[4.4.0]dec-5-ene
Inchi: InChI=1S/C8H15N3/c1-10-5-3-7-11-6-2-4-9-8(10)11/h2-7H2,1H3
InchiKey: OEBXWWBYZJNKRK-UHFFFAOYSA-N
Formula: C8H15N3
SMILES: CN1CCCN2CCCN=C12
Mol. weight [g/mol]: 153.22
CAS: 84030-20-6

Physical Properties

Property code	Value	Unit	Source
affp	1062.70	kJ/mol	NIST Webbook
basg	1030.20	kJ/mol	NIST Webbook
log10ws	-0.26		Crippen Method
logp	0.384		Crippen Method
mcvol	127.500	ml/mol	McGowan Method

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C84030206&Units=SI

Legend

affp: Proton affinity
basg: Gas basicity
log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume