4-CH3-C6H4-C(Si(CH3)3)=CH2

Inchi: InChI=1S/C12H18Si/c1-10-6-8-12(9-7-10)11(2)13(3,4)5/h6-9H,2H2,1,3-5H3
InchiKey: OUQXBIMQCUSOGP-UHFFFAOYSA-N
Formula: C12H18Si
SMILES: C=C(c1ccc(C)cc1)[Si](C)(C)C
Mol. weight [g/mol]: 190.36
CAS: 94397-80-5

Physical Properties

Property code	Value	Unit	Source
affp	877.00	kJ/mol	NIST Webbook
basg	848.10	kJ/mol	NIST Webbook
log10ws	-1.58		Crippen Method
logp	3.886		Crippen Method

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C94397805&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

affp: Proton affinity
basg: Gas basicity
log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient