1-(4-Methylphenyl)butan-1-one, O-(tert-butyldimethylsilyl)oxime

Inchi: InChI=1S/C17H29NOSi/c1-8-9-16(15-12-10-14(2)11-13-15)18-19-20(6,7)17(3,4)5/h10-13

InchiKey: DHSPVHZWFXASQO-UHFFFAOYSA-N

Formula: C17H29NOSi

SMILES: CCCC(=NO[Si](C)(C)C(C)(C)C)c1ccc(C)cc1

Mol. weight [g/mol]: 291.50

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.49		Crippen Method
logp	5.521		Crippen Method
rinpol	1629.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U373310&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices