4-(2-Acetylamino-1-(tert-butyldimethylsilyloxy)eth
tert-butyldimethylsilyl ether

Other names: 1-(4-tert-Butyldimethylsilyloxyphenyl)-2-acetylaminoethanol t-butyldimethylsilyl ether

Inchi: InChI=1S/C22H41NO3Si2/c1-17(24)23-16-20(26-28(10,11)22(5,6)7)18-12-14-19(15-13-1

InchiKey: IJYHLLWRPYQFJG-UHFFFAOYSA-N

Formula: C22H41NO3Si2

SMILES: CC(=O)NCC(O[Si](C)(C)C(C)(C)C)c1ccc(O[Si](C)(C)C(C)(C)C)cc1

Mol. weight [g/mol]: 423.74

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.45		Crippen Method
logp	6.270		Crippen Method
rinpol	2472.00		NIST Webbook
rinpol	2472.00		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=U373403&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices