

4-(2-Acetylamino-1-(tert-butyl dimethylsilyloxy)ethyl-phenyl)-2-acetylaminoethanol tert-butyl dimethylsilyl ether

Other names: 1-(4-(tert-Butyldimethylsilyloxy)phenyl)-2-acetylaminoethanol tert-butyl dimethylsilyl ether
Inchi: InChI=1S/C22H41NO3Si2/c1-17(24)23-16-20(26-28(10,11)22(5,6)7)18-12-14-19(15-13-11)
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/ci9903071>
Crippen Method: https://www.cheméo.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

Latest version available from:

<https://www.cheméo.com/cid/39-857-8/4-2-Acetylamino-1-tert-butyl dimethylsilyloxy-ethyl-phenol-tert-butyl dimethylsilyl ether>

Generated by Cheméo on 2024-04-23 07:16:58.039956789 +0000 UTC m=+16145866.960534102.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.