

N-(2-Hydroxy-2-phenyl-ethyl)-4-methyl-benzenesulfonamide-tert-butyl dimethylsilyl ether

InChI: InChI=1S/C21H31NO3SSi/c1-17-12-14-19(15-13-17)26(23,24)22-16-20(18-10-8-7-9-11-19)21-20
InChIKey: DHJYCITYJWEB-UHFFFAOYSA-N

Formula: C₂₁H₃₁NO₃SSi
SMILES: Cc1ccc(S(=O)(=O)NCC(O[Si](C)(C)C(C)(C)C)c2ccccc2)cc1
Mol. weight [g/mol]: 405.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.96		Crippen Method
logp	5.036		Crippen Method
rinpol	2761.00		NIST Webbook
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Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U374823&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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