

Benzenesulfonamide, 4-acetyl-N-tert.-butyldimethylsilyl-

Inchi:	InChI=1S/C14H23NO3SSi/c1-11(16)12-7-9-13(10-8-12)19(17,18)15-20(5,6)14(2,3)4/h7-
InchiKey:	ANWCPFIZMLHZRI-UHFFFAOYSA-N
Formula:	C14H23NO3SSi
SMILES:	CC(=O)c1ccc(S(=O)(=O)N[Si](C)(C)C(C)(C)C)cc1
Mol. weight [g/mol]:	313.49

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.15		Crippen Method
logp	3.173		Crippen Method
rinpol	2269.00		NIST Webbook
rinpol	2269.00		NIST Webbook

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=U374401&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.chemeo.com/cid/123-038-3/Benzenesulfonamide-4-acetyl-N-tert-butyldimethylsilyl.pdf>

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