

4-Hydroxyphenylacetic acid di(t-butyl dimethylsilyl)

Other names:	Benzeneacetic acid, 4-(t-butyl dimethylsilyloxy)-, t-butyl dimethylsilyloxy ester Benzeneacetic acid, 4-[(tert-butyl dimethylsilyl)oxy]-, tert-butyl dimethylsilyl ester 4-Hydroxyphenylacetic acid, O-(tert-butyl dimethylsilyl)-, tert-butyl dimethylsilyl ester 4-Hydroxyphenylacetic acid, diTBDMS Phenylacetic acid, 4-hydroxy, (2TBDMS)- Phenylacetic acid, 4-hydroxy, TBDMS p-Hydroxyphenylacetic acid, DMTBS 4-Hydroxyphenylacetic acid, TBDMS 4-Hydroxybenzeneacetic acid, 2tbdms derivative
Inchi:	InChI=1S/C20H36O3Si2/c1-19(2,3)24(7,8)22-17-13-11-16(12-14-17)15-18(21)23-25(9,10)
InchiKey:	HJZFFIMAYZZMSC-UHFFFAOYSA-N
Formula:	C20H36O3Si2
SMILES:	CC(C)(C)[Si](C)(C)OC(=O)Cc1ccc(O[Si](C)(C)C(C)(C)C)cc1
Mol. weight [g/mol]:	380.67
CAS:	78324-13-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.96		Crippen Method
logp	6.161		Crippen Method
rinpol	2108.00		NIST Webbook
rinpol	2114.00		NIST Webbook
rinpol	2108.10		NIST Webbook
rinpol	2115.00		NIST Webbook
rinpol	2115.00		NIST Webbook
rinpol	2108.10		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=C78324137&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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