4-Hydroxyphenylacetic acid di(t-butyldimethylsilyl)

Other names: Benzeneacetic acid, 4-(t-butyldimethylsilyloxy)-, t-butyldimethylsilyloxy ester
Benzeneacetic acid, 4-[(tert-butyldimethylsilyl)oxy]-, tert-butyldimethylsilyl ester
4-Hydroxyphenylacetic acid, O-(tert-butyldimethylsilyl)-, tert-butyldimethylsilyl 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	-4.66		Cheméo Relay (1.0)
logp	6.162		Crippen Method
rinpol	2115.00		NIST Webbook
rinpol	2108.10		NIST Webbook
rinpol	2108.00		NIST Webbook
rinpol	2114.00		NIST Webbook
rinpol	2108.10		NIST Webbook
rinpol	2115.00		NIST Webbook
tb	601.68	K	Cheméo Relay (1.0)
tf	342.16	K	Cheméo Relay (1.0)

Sources

Cheméo Relay (1.0):

Cheméo Relay (1.0, beta):

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C78324137&Units=SI

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tf:	Normal melting (fusion) point

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