

2',4'-Dihydroxyacetophenone, bis(tert-butyldimethylsilyl) ether

Other names:	2,4-Dihydroxyacetophenone, 2tbdms derivative
Inchi:	InChI=1S/C20H36O3Si2/c1-15(21)17-13-12-16(22-24(8,9)19(2,3)4)14-18(17)23-25(10,11)26
InchiKey:	BTCQDSCKRSANHY-UHFFFAOYSA-N
Formula:	C20H36O3Si2
SMILES:	CC(=O)c1ccc(O[Si](C)(C)C(C)(C)C)cc1O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	380.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.66		Crippen Method
logp	6.657		Crippen Method
rinpol	2158.50		NIST Webbook
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Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352820&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

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/116-084-0/2-4-Dihydroxyacetophenone-bis-tert-butyldimethylsilyl-ether.pdf>

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