

# Trimethylsilyl 5-acetyl-2-(trimethylsilyloxy)benzoic acid

Other names:	Trimethylsilyl 5-acetyl-2-trimethylsilyloxybenzoate
Inchi:	InChI=1S/C15H24O4Si2/c1-11(16)12-8-9-14(18-20(2,3)4)13(10-12)15(17)19-21(5,6)7/h8
InchiKey:	VRPXAVZLYQKJCZ-UHFFFAOYSA-N
Formula:	C15H24O4Si2
SMILES:	CC(=O)c1ccc(O[Si](C)(C)C)c(C(=O)O[Si](C)(C)C)c1
Mol. weight [g/mol]:	324.52

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.27		Crippen Method
logp	4.095		Crippen Method
rinpol	1884.00		NIST Webbook

## Sources

Crippen Method:	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U373484&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U373484&amp;Units=SI</a>
Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>

## 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/37-808-4/Trimethylsilyl-5-acetyl-2-trimethylsilyloxy-benzoic-acid.pdf>

Generated by Cheméo on 2024-05-03 11:19:32.608379451 +0000 UTC m=+17024421.528956760.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.