

# 2,3,4-Trihydroxybenzoic acid, tetrakis(trimethylsilyl)-

<b>Other names:</b>	2,3,4-Trihydroxybenzoic acid, tetra-TMS Benzoic acid, 2,3,4-tris-(trimethylsilyloxy), trimethylsilyl ester 2,3,4-Trihydroxybenzoic acid, 4tms derivative
<b>Inchi:</b>	InChI=1S/C19H38O5Si4/c1-25(2,3)21-16-14-13-15(19(20)24-28(10,11)12)17(22-26(4,5))
<b>InchiKey:</b>	GWWLYEXBIBGVGY-UHFFFAOYSA-N
<b>Formula:</b>	C <sub>19</sub> H <sub>38</sub> O <sub>5</sub> Si <sub>4</sub>
<b>SMILES:</b>	<chem>C[Si](C)(C)OC(=O)c1ccc(O[Si](C)(C)C)c(O[Si](C)(C)C)c1O[Si](C)(C)C</chem>
<b>Mol. weight [g/mol]:</b>	458.84
<b>CAS:</b>	107966-20-1

## Physical Properties

Property code	Value	Unit	Source
log10ws	2.37		Crippen Method
logp	6.319		Crippen Method
rinpol	1932.00		NIST Webbook
rinpol	1932.00		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C107966201&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C107966201&amp;Units=SI</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>rinpol:</b>	Non-polar retention indices

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