

# 3-(4-Hydroxyphenyl)propionic acid, trimethylsilyl ester

Other names:	Phloretic acid, tms derivative
Inchi:	InChI=1S/C12H18O3Si/c1-16(2,3)15-12(14)9-6-10-4-7-11(13)8-5-10/h4-5,7-8,13H,6,9H2
InchiKey:	MUXJGPKMOOWFET-UHFFFAOYSA-N
Formula:	C12H18O3Si
SMILES:	C[Si](C)(C)OC(=O)CCc1ccc(O)cc1
Mol. weight [g/mol]:	238.35

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.41		Crippen Method
logp	2.703		Crippen Method
rinpol	1716.60		NIST Webbook
rinpol	1716.60		NIST Webbook

## Sources

NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U352430&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U352430&amp;Units=SI</a>
Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307I">http://pubs.acs.org/doi/abs/10.1021/ci990307I</a>
Crippen Method:	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</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/38-342-0/3-4-Hydroxyphenyl-propionic-acid-trimethylsilyl-ester.pdf>

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