

# m-Hydroxymandelic acid, tris(trimethylsilyl)-

<b>Other names:</b>	3-Hydroxymandelic acid, O,O-bis(trimethylsilyl)-, trimethylsilyl ester 3-Hydroxymandelic acid, tris(trimethylsilyl)- Benzeneacetic acid, «alpha»,3-bis[(trimethylsilyl)oxy]-, trimethylsilyl ester 3-Hydroxymandelic acid, tri-TMS Mandelic acid, 3-hydroxy, (3TMS) Mandelic acid, 3-hydroxy, TMS 3-Hydroxymandelic acid, 3tms derivative
<b>Inchi:</b>	InChI=1S/C17H32O4Si3/c1-22(2,3)19-15-12-10-11-14(13-15)16(20-23(4,5)6)17(18)21-22
<b>InchiKey:</b>	GDUFOGAWAWCHTM-UHFFFAOYSA-N
<b>Formula:</b>	C17H32O4Si3
<b>SMILES:</b>	C[Si](C)(C)OC(=O)C(O[Si](C)(C)C)c1cccc(O[Si](C)(C)C)c1
<b>Mol. weight [g/mol]:</b>	384.69
<b>CAS:</b>	68595-69-7

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.70		Crippen Method
logp	5.171		Crippen Method
rinpol	1748.00		NIST Webbook
rinpol	1715.30		NIST Webbook
rinpol	1798.00		NIST Webbook
rinpol	1715.30		NIST Webbook
rinpol	1798.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C68595697&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C68595697&amp;Units=SI</a>
<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>

# Legend

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

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