

# Erythronic acid, tetrakis-TMS

<b>Other names:</b>	Erythronic acid, TMS Isothreonic acid, TMS
<b>Inchi:</b>	InChI=1S/C16H40O5Si4/c1-22(2,3)18-13-14(19-23(4,5)6)15(20-24(7,8)9)16(17)21-25(10)
<b>InchiKey:</b>	IEXXQBIANMZJJP-UHFFFAOYSA-N
<b>Formula:</b>	C16H40O5Si4
<b>SMILES:</b>	C[Si](C)(C)OCC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(=O)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	424.83

## Physical Properties

Property code	Value	Unit	Source
log10ws	4.93		Crippen Method
logp	4.656		Crippen Method
rinpol	1581.00		NIST Webbook
rinpol	1567.00		NIST Webbook
rinpol	1569.00		NIST Webbook
rinpol	1567.00		NIST Webbook
rinpol	1567.00		NIST Webbook

## Sources

<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=R70400&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R70400&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</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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