

# Inositol, 1,2,3,4,5,6-hexakis-O-(trimethylsilyl)-, allo-

<b>Other names:</b>	Inositol, TMS Allo-inositol, 6tms derivative
<b>Inchi:</b>	InChI=1S/C24H60O6Si6/c1-31(2,3)25-19-20(26-32(4,5)6)22(28-34(10,11)12)24(30-36(16,17)18)23(27-33(7,8)9)11
<b>InchiKey:</b>	FRTKXRNTVMCAKI-HPEVMFQJSA-N
<b>Formula:</b>	C <sub>24</sub> H <sub>60</sub> O <sub>6</sub> Si <sub>6</sub>
<b>SMILES:</b>	C[Si](C)(C)OC1C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C1O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	613.24
<b>CAS:</b>	29267-02-5

## Physical Properties

Property code	Value	Unit	Source
log10ws	6.74		Crippen Method
logp	7.321		Crippen Method

## 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.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C29267025&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C29267025&amp;Units=SI</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient

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