

# Glucose-6-phosphate, MEOX-6TMS

<b>Inchi:</b>	InChI=1S/C25H64NO9PSi6/c1-28-26-20-22(30-37(2,3)4)24(32-39(8,9)10)25(33-40(11,12)13)14
<b>InchiKey:</b>	AOTDITUXOFRYQJ-RVKUZKFDSA-N
<b>Formula:</b>	C25H64NO9PSi6
<b>SMILES:</b>	CON=CC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(COP(=O)(O[Si](C)(C)C)O[Si](C)(C)C)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	722.26

## Physical Properties

Property code	Value	Unit	Source
log10ws	4.84		Crippen Method
logp	8.327		Crippen Method
rinpol	2334.00		NIST Webbook
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## 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=R605780&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R605780&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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