

# Phenylpropionic acid, DMTBS

<b>Other names:</b>	Phenylpropionic acid, TBDMS
<b>Inchi:</b>	InChI=1S/C15H20O2Si/c1-15(2,3)18(4,5)17-14(16)12-11-13-9-7-6-8-10-13/h6-10H,1-5H3
<b>InchiKey:</b>	VGXJNGONHYFIAL-UHFFFAOYSA-N
<b>Formula:</b>	C15H20O2Si
<b>SMILES:</b>	CC(C)(C)[Si](C)(C)OC(=O)C#Cc1ccccc1
<b>Mol. weight [g/mol]:</b>	260.40

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.01		Crippen Method
logp	3.586		Crippen Method
rinpol	1772.00		NIST Webbook
rinpol	1775.00		NIST Webbook

## 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=R538586&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R538586&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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