

# Dehydroabietic acid, trimethylsilyl ester

<b>Other names:</b>	Dehydroabietic acid, TMS Podocarpa-8,11,13-trien-15-oic acid, 13-isopropyl-, trimethylsilyl ester Abieta-8,11,13-trienoic acid, TMS ester Dehydroabietic acid TMS ester Dehydroabietic acid, tms derivative
<b>Inchi:</b>	InChI=1S/C23H36O2Si/c1-16(2)17-9-11-19-18(15-17)10-12-20-22(19,3)13-8-14-23(20,4)
<b>InchiKey:</b>	HSHYFFAXUHETAU-UHFFFAOYSA-N
<b>Formula:</b>	C23H36O2Si
<b>SMILES:</b>	CC(C)c1ccc2c(c1)CCC1C(C)(C(=O)O[Si](C)(C)C)CCCC21C
<b>Mol. weight [g/mol]:</b>	372.62
<b>CAS:</b>	21414-49-3

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.34		Crippen Method
logp	6.198		Crippen Method
rinpol	2385.00		NIST Webbook
rinpol	2373.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C21414493&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C21414493&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

<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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