

(E)-2,4-Pentadienoic acid, 2-propyl, trimethylsilyl ester

Inchi:	InChI=1S/C11H20O2Si/c1-6-8-10(9-7-2)11(12)13-14(3,4)5/h6,8H,1,7,9H2,2-5H3/b10-8+
InchiKey:	ZBJJWNSDUDQMRV-CSKARUKUSA-N
Formula:	C11H20O2Si
SMILES:	C=CC=C(CCC)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	212.36

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.05		Crippen Method
logp	3.277		Crippen Method
rinpol	1220.00		NIST Webbook
rinpol	1220.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R167901&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

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<https://www.chemeo.com/cid/122-114-9/E-2-4-Pentadienoic-acid-2-propyl-trimethylsilyl-ester.pdf>

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