

Silane, diethyl(2,7-dimethyloct-1-en-3-yn-5-yloxy)heptyloxy

Inchi: InChI=1S/C21H40O2Si/c1-8-11-12-13-14-17-22-24(9-2,10-3)23-21(18-20(6)7)16-15-19(4)
InchiKey: BKKXZJAVIVEZRV-UHFFFAOYSA-N
Formula: C₂₁H₄₀O₂Si
SMILES: C=C(C)C#CC(CC(C)C)O[Si](CC)(CC)OCCCCCCC
Mol. weight [g/mol]: 352.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.94		Crippen Method
logp	6.466		Crippen Method
rinpol	1878.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363571&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/50-626-1/Silane-diethyl-2-7-dimethyloct-1-en-3-yn-5-yloxy-heptyloxy.pdf>

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