

2,7-Dimethyl-4-dimethyloctylsilyloxyoct-7-en-5-yne

Inchi: InChI=1S/C20H38OSi/c1-8-9-10-11-12-13-16-22(6,7)21-20(17-19(4)5)15-14-18(2)3/h19-
InchiKey: LPBTZHXWCIOICP-UHFFFAOYSA-N
Formula: C20H38OSi
SMILES: C=C(C)C#CC(CC(C)C)O[Si](C)(C)CCCCCCCC
Mol. weight [g/mol]: 322.60

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.85		Crippen Method
logp	6.563		Crippen Method
rinpol	1801.00		NIST Webbook
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Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U299505&Units=SI>

Legend

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

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