

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

Inchi: InChI=1S/C22H42OSi/c1-8-11-16-24(17-12-9-2,18-13-10-3)23-22(19-21(6)7)15-14-20(4)
InchiKey: BZYJKIZVPXJJAP-UHFFFAOYSA-N
Formula: C22H42OSi
SMILES: C=C(C)C#CC(CC(C)C)O[Si](CCCC)(CCCC)CCCC
Mol. weight [g/mol]: 350.65

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.69		Crippen Method
logp	7.343		Crippen Method
rinpol	1871.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U299545&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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