1-Dimethylisopropylsilyloxypent-2-en-4-yne

Inchi: InChI=1S/C10H18OSi/c1-6-7-8-9-11-12(4,5)10(2)3/h1,7-8,10H,9H2,2-5H3
InchiKey: PKEWGCLCWUMGNK-UHFFFAOYSA-N
Formula: C10H18OSi
SMILES: C#CC=CCO[Si](C)(C)C(C)C
Mol. weight [g/mol]: 182.33

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.79		Crippen Method
logp	2.808		Crippen Method
rinpol	864.00		NIST Webbook
rinpol	864.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U299493&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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