

3,3-Dimethyl-1,1-bis(trimethylsilyl)-1-butene

Inchi: InChI=1S/C12H28Si2/c1-12(2,3)10-11(13(4,5)6)14(7,8)9/h10H,1-9H3
InchiKey: CLHGWWUIDFQPPX-UHFFFAOYSA-N
Formula: C₁₂H₂₈Si₂
SMILES: CC(C)(C)C=C([Si](C)(C)C)[Si](C)(C)C
Mol. weight [g/mol]: 228.52
CAS: 26608-69-5

Physical Properties

Property code	Value	Unit	Source
ie	8.72 ± 0.04	eV	NIST Webbook
log10ws	0.43		Crippen Method
logp	4.714		Crippen Method

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=C26608695&Units=SI>

Legend

ie: Ionization energy
log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient

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