

Silane, dimethyl ethyl ethynyl

Inchi: InChI=1S/C6H12Si/c1-5-7(3,4)6-2/h1H,6H2,2-4H3
InchiKey: TZULMRNWCQKXCX-UHFFFAOYSA-N
Formula: C6H12Si
SMILES: C#C[Si](C)(C)CC
Mol. weight [g/mol]: 112.25

Physical Properties

Property code	Value	Unit	Source
log10ws	0.32		Crippen Method
logp	1.887		Crippen Method
rinpol	647.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R512202&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

Latest version available from:

<https://www.chemeo.com/cid/47-543-7/Silane-dimethyl-ethyl-ethynyl.pdf>

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