

Propargyl alcohol, tert-butyldimethylsilyl ether

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|-----------------------------|--|
| Other names: | tert-Butyl(dimethyl)(prop-2-yn-1-yloxy)silane Propargyl alcohol, tbdms derivative |
| Inchi: | InChI=1S/C9H18OSi/c1-7-8-10-11(5,6)9(2,3)4/h1H,8H2,2-6H3 |
| InchiKey: | ZYDKYFIXEYSNPO-UHFFFAOYSA-N |
| Formula: | C9H18OSi |
| SMILES: | C#CCO[Si](C)(C)C(C)(C)C |
| Mol. weight [g/mol]: | 170.32 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|--------|------|----------------|
| log10ws | -0.52 | | Crippen Method |
| logp | 2.641 | | Crippen Method |
| rinpol | 959.60 | | NIST Webbook |
| rinpol | 959.60 | | NIST Webbook |

Sources

| | |
|------------------------|---|
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=U333042&Units=SI |
| Crippen Method: | http://pubs.acs.org/doi/abs/10.1021/ci9903071 |
| 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/26-240-6/Propargyl-alcohol-tert-butyldimethylsilyl-ether.pdf>

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