

4,5-Dihydro-1H-pyrazole, 1-tert-butyl dimethylsilyl-

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|----------------------|---|
| Other names: | 1-tert-Butyldimethylsilyl-2-pyrazoline |
| Inchi: | InChI=1S/C9H20N2Si/c1-9(2,3)12(4,5)11-8-6-7-10-11/h7H,6,8H2,1-5H3 |
| InchiKey: | FDLHBZWVIFYZGCI-UHFFFAOYSA-N |
| Formula: | C9H20N2Si |
| SMILES: | CC(C)(C)[Si](C)(C)N1CCC=N1 |
| Mol. weight [g/mol]: | 184.35 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -0.26 | | Crippen Method |
| logp | 2.683 | | Crippen Method |
| rinpol | 1174.00 | | NIST Webbook |
| rinpol | 1174.00 | | NIST Webbook |

Sources

| | |
|-----------------|---|
| Crippen Method: | http://pubs.acs.org/doi/abs/10.1021/ci9903071 |
| Crippen Method: | https://www.cheméo.com/doc/models/crippen_log10ws |
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=U373358&Units=SI |

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.cheméo.com/cid/60-799-9/4-5-Dihydro-1H-pyrazole-1-tert-butyl dimethylsilyl.pdf>

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