

Glutamine, N,O-4TMS

Inchi: InChI=1S/C17H42N2O3Si4/c1-23(2,3)18-15(17(20)22-26(10,11)12)13-14-16(19-24(4,5)6)
InchiKey: LZNNWFFDSLXTEJ-MNDPQUGUSA-N
Formula: C17H42N2O3Si4
SMILES: C[Si](C)(C)N=C(CCC(N[Si](C)(C)C)C(=O)O[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 434.87

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | 3.95 | | Crippen Method |
| logp | 5.023 | | Crippen Method |
| rinpol | 1609.00 | | NIST Webbook |

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R620056&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/74-532-9/Glutamine-N-O-4TMS.pdf>

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