

10,11-Dihydro-10-hydroxycarbamazepine, N-trimethylsilyl-, trimethylsilyl ether

Inchi: InChI=1S/C21H30N2O2Si2/c1-26(2,3)22-21(24)23-18-13-9-7-11-16(18)15-20(25-27(4,5)
InchiKey: FGFYSWDWCHHZDP-UHFFFAOYSA-N
Formula: C₂₁H₃₀N₂O₂Si₂
SMILES: C[Si](C)(C)N=C(O)N1c2ccccc2CC(O[Si](C)(C)C)c2ccccc21
Mol. weight [g/mol]: 398.65

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -1.48 | | Crippen Method |
| logp | 6.022 | | Crippen Method |
| rinpol | 2353.90 | | NIST Webbook |

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U417190&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.chemeo.com/cid/93-039-6/10-11-Dihydro-10-hydroxycarbamazepine-N-trimethylsilyl-trimethylsilyl-ether.p>

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