

3-(Pyrrol[3-(dodecyloxy)-1,1,3,3-tetramethyldisiloxy)methyl]pyridine

Other names: 3-([3-(Dodecyloxy)-1,1,3,3-tetramethyldisiloxanyl]oxy)methylpyridine
3-([3-(Dodecyloxy)-1,1,3,3-tetramethyldisiloxanyl]oxy)methylpyridine

Inchi: InChI=1S/C22H43NO3Si2/c1-6-7-8-9-10-11-12-13-14-15-19-24-27(2,3)26-28(4,5)25-21-2

InchiKey: HRYWAPGKXHZGLP-UHFFFAOYSA-N

Formula: C22H43NO3Si2

SMILES: CCCCCCCCCCCCOSi(C)(C)O[Si](C)(C)OCc1ccnc1

Mol. weight [g/mol]: 425.75

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -3.34 | | Crippen Method |
| logp | 6.956 | | Crippen Method |
| rinpola | 2444.10 | | NIST Webbook |
| rinpola | 2444.10 | | NIST Webbook |

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U334106&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpola: Non-polar retention indices

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