

Lys, TBDMS

Inchi: InChI=1S/C24H55NO3Si3/c1-22(2,3)29(10,11)25-20(21(26)28-31(14,15)24(7,8)9)18-16-
InchiKey: ZZNYAQCJVRQGGN-UHFFFAOYSA-N
Formula: C24H55NO3Si3
SMILES: CC(C)(C)[Si](C)(C)NC(CCCCO[Si](C)(C)C(C)(C)C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 489.95

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -1.27 | | Crippen Method |
| logp | 7.690 | | Crippen Method |
| rinal | 2389.00 | | NIST Webbook |
| rinal | 2389.00 | | NIST Webbook |

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R76000&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/29-750-7/Lys-TBDMS.pdf>

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