

Uridine, 2'-O-TBDMS, 3',5'-bis-O-TMS

Inchi: InChI=1S/C21H42N2O6Si3/c1-21(2,3)32(10,11)29-18-17(28-31(7,8)9)15(14-26-30(4,5)6)
InchiKey: LJLSYWKCUGXBPU-JYPHPWERSA-N
Formula: C21H42N2O6Si3
SMILES: CC(C)(C)[Si](C)(C)OC1C(O[Si](C)(C)C)C(CO[Si](C)(C)C)OC1n1ccc(=O)[nH]c1=O
Mol. weight [g/mol]: 502.82

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | 2.73 | | Crippen Method |
| logp | 3.414 | | Crippen Method |
| rinpol | 2669.00 | | 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=R247428&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/10-391-6/Uridine-2-O-TBDMS-3-5-bis-O-TMS.pdf>

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