

2'-Deoxyuridine, 3'-O-TBDMS

Inchi: InChI=1S/C15H26N2O5Si/c1-15(2,3)23(4,5)22-10-8-13(21-11(10)9-18)17-7-6-12(19)16-
InchiKey: CYEAJMJUHMEGTK-LIXJUXSLSA-N
Formula: C15H26N2O5Si
SMILES: CC(C)(C)[Si](C)(C)OC1CC(n2ccc(=O)[nH]c2=O)OC1CO
Mol. weight [g/mol]: 342.46

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | 0.37 | | Crippen Method |
| logp | 0.725 | | Crippen Method |
| rinpol | 2558.00 | | NIST Webbook |

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R246792&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/50-916-9/2-Deoxyuridine-3-O-TBDMS.pdf>

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