

B-Pseudouridine riboside, TMS

Inchi: InChI=1S/C21H44N2O6Si4/c1-30(2,3)25-14-16-18(27-31(4,5)6)19(28-32(7,8)9)17(26-16)
InchiKey: ARWDZFACQGOVFD-QBUWPKIASA-N
Formula: C₂₁H₄₄N₂O₆Si₄
SMILES: C[Si](C)(C)OCC1OC(c2c[nH]c(=O)nc2O[Si](C)(C)C)C(O[Si](C)(C)C)C1O[Si](C)(C)C
Mol. weight [g/mol]: 532.93

Physical Properties

Property code	Value	Unit	Source
log10ws	4.10		Crippen Method
logp	4.233		Crippen Method
rinpol	2372.00		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=R94375&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/23-749-5/B-Pseudouridine-ribose-TMS.pdf>

Generated by Cheméo on 2024-04-28 23:35:51.574788281 +0000 UTC m=+16636600.495365593.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.