

4-Hydroxyproline, mono-ethoxycarbonylated bis-TBDMS # 1

Inchi: InChI=1S/C20H41NO5Si2/c1-12-24-18(23)21-14-15(25-27(8,9)19(2,3)4)13-16(21)17(22)
InchiKey: VJQCHYQXIQTOSM-UHFFFAOYSA-N
Formula: C20H41NO5Si2
SMILES: CCOC(=O)N1CC(O[Si](C)(C)C(C)(C)C)CC1C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 431.71

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.77		Crippen Method
logp	5.156		Crippen Method
rinpol	2195.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R563770&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
rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/14-080-7/4-Hydroxyproline-mono-ethoxycarbonylated-bis-TBDMS-1.pdf>

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