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)26-28(10,11)20(5,6)7/h15-16H,12-14H2,1-11H3/t15-,16+/m1/s1

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