

Bialophos, N,O,O-tris(tert-butyl dimethylsilyl)deriv.

Other names:	Bialaphos, TBDMS
Inchi:	InChI=1S/C29H64N3O6PSi3/c1-21(24(33)31-22(2)26(35)37-41(15,16)28(6,7)8)30-25(34)
InchiKey:	GZDXBWHGVVXWAA-UHFFFAOYSA-N
Formula:	C29H64N3O6PSi3
SMILES:	CC(NC(=O)C(CCP(C)(=O)O[Si](C)(C)C(C)(C)C)N[Si](C)(C)C(C)(C)C)C(=O)NC(C)C(=O)C
Mol. weight [g/mol]:	666.07

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.80		Crippen Method
logp	6.827		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U292763&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.cheméo.com/cid/25-103-9/Bialophos-N-O-O-tris-tert-butyl dimethylsilyl-deriv.pdf>

Generated by Cheméo on 2024-04-25 16:59:44.162768444 +0000 UTC m=+16353633.083345756.

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