

L-Homoserine, N,O-bis(tert-butyl dimethylsilyl)-, tert-butyl dimethylsilyl ester

Other names: tert-Butyl(dimethyl)silyl N,O-bis(tert-butyl(dimethyl)silyl)-l-homoserinate
Homoserine, 3tdoms derivative

Inchi: InChI=1S/C22H51NO3Si3/c1-20(2,3)27(10,11)23-18(16-17-25-28(12,13)21(4,5)6)19(24)
InchiKey: MFKGMZFDBRJRTD-UHFFFAOYSA-N
Formula: C22H51NO3Si3
SMILES: CC(C)(C)[Si](C)(C)NC(CCO[Si](C)(C)C(C)(C)C)C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 461.90

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.44		Crippen Method
logp	6.910		Crippen Method
rinpol	2076.40		NIST Webbook

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=U332847&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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