

# L-5-Hydroxytryptophan, tert-butyl dimethylsilyl ether, tert-butyl dimethylsilyl ester

Other names: L-5-hydroxytryptophan 2tdms derivative

Inchi: InChI=1S/C23H40N2O3Si2/c1-22(2,3)29(7,8)27-17-11-12-20-18(14-17)16(15-25-20)13-1

InchiKey: NVUWQGXGXOCKE-UHFFFAOYSA-N

Formula: C23H40N2O3Si2

SMILES: CC(C)(C)[Si](C)(C)OC(=O)C(N)Cc1c[nH]c2ccc(O[Si](C)(C)C(C)(C)C)cc12

Mol. weight [g/mol]: 448.75

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.95		Crippen Method
logp	5.488		Crippen Method
rinpol	2959.70		NIST Webbook
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## Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Crippen Method: [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U333519&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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