

# 3,4-Dihydroxy-dl-phenylalanine, N,O,O'-tris(trimethylsilyl)-, trimethylsilyl ester

<b>Other names:</b>	Trimethylsilyl N,O-bis(trimethylsilyl)-3-[(trimethylsilyl)oxy]tyrosinate 3-Hydroxy-dl-tyrosine, 4tms derivative
<b>Inchi:</b>	InChI=1S/C21H43NO4Si4/c1-27(2,3)22-18(21(23)26-30(10,11)12)15-17-13-14-19(24-28)
<b>InchiKey:</b>	SSTPUELEMUKSOG-UHFFFAOYSA-N
<b>Formula:</b>	C21H43NO4Si4
<b>SMILES:</b>	<chem>C[Si](C)(C)NC(Cc1ccc(O[Si](C)(C)C)c(O[Si](C)(C)C)c1)C(=O)O[Si](C)(C)C</chem>
<b>Mol. weight [g/mol]:</b>	485.91

## Physical Properties

Property code	Value	Unit	Source
log10ws	2.51		Crippen Method
logp	5.828		Crippen Method

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U332930&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U332930&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>
<b>Crippen Method:</b>	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>

## Legend

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

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