

# d4-Tyrosine, tri-TMS

**Inchi:** InChI=1S/C18H35NO3Si3/c1-23(2,3)19-17(18(20)22-25(7,8)9)14-15-10-12-16(13-11-15)  
**InchiKey:** WMWBCQXPKSQMOK-XMZQZYJVSA-N  
**Formula:** C18H31D4NO3Si3  
**SMILES:** C[Si](C)(C)NC(Cc1ccc(O[Si](C)(C)C)cc1)C(=O)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 401.76

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.52		Crippen Method
logp	4.614		Crippen Method
rinpol	1958.00		NIST Webbook
rinpol	1958.00		NIST Webbook

## Sources

**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R274841&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

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<https://www.chemeo.com/cid/15-284-0/d4-Tyrosine-tri-TMS.pdf>

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