

# Noradrenaline tetraTMS

**Other names:**

Norepinephrine tetra-TMS  
Norepinephrine, N,O,O,O-tetra-TMS  
Norepinephrine, TMS  
Norepinephrine, (r)-, 4tms derivative

**Inchi:**

InChI=1S/C20H43NO3Si4/c1-25(2,3)21-16-20(24-28(10,11)12)17-13-14-18(22-26(4,5)6)

**InchiKey:**

MLHNBOALOLAGFS-UHFFFAOYSA-N

**Formula:**

C20H43NO3Si4

**SMILES:**

C[Si](C)(C)NCC(O[Si](C)(C)C)c1ccc(O[Si](C)(C)C)c(O[Si](C)(C)C)c1

**Mol. weight [g/mol]:**

457.90

**CAS:**

68595-65-3

## Physical Properties

Property code	Value	Unit	Source
log10ws	2.36		Crippen Method
logp	6.431		Crippen Method
rinpol	1960.00		NIST Webbook
rinpol	1949.00		NIST Webbook

## Sources

**Crippen Method:**

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

**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=C68595653&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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