

# Normorphine, N-trimethylsilyl-, bis(trimethylsilyl) ether

**Other names:** Normorphine, 3tms derivative  
**Inchi:** InChI=1S/C25H41NO3Si3/c1-30(2,3)26-15-14-25-18-11-13-21(29-32(7,8)9)24(25)27-23-  
**InchiKey:** RXWZLNJDODMYTPS-UHFFFAOYSA-N  
**Formula:** C<sub>25</sub>H<sub>41</sub>NO<sub>3</sub>Si<sub>3</sub>  
**SMILES:** C[Si](C)(C)Oc1ccc2c3c1OC1C(O[Si](C)(C)C)C=CC4C(C2)N([Si](C)(C)C)CCC341  
**Mol. weight [g/mol]:** 487.85

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.23		Crippen Method
logp	5.771		Crippen Method
rinsol	2585.70		NIST Webbook
rinsol	2585.70		NIST Webbook

## 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=U352972&Units=SI>

## Legend

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

Latest version available from:

<https://www.cheméo.com/cid/54-459-3/Normorphine-N-trimethylsilyl-bis-trimethylsilyl-ether.pdf>

Generated by Cheméo on 2025-03-23 11:21:30.696141135 +0000 UTC m=+5937106.543066767.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.