

# Normorphine TMS

**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-VEACMEEESA-N  
**Formula:** C25H41NO3Si3  
**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 |
| rinpol        | 2620.00 |      | NIST Webbook   |
| rinpol        | 2620.00 |      | 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=U331689&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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