

# 5,8,11-Eicosatriynoic acid, tert-butyl dimethylsilyl ester

**Inchi:** InChI=1S/C26H42O2Si/c1-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25(27)  
**InchiKey:** WAMCMIGIWYPYNO-UHFFFAOYSA-N  
**Formula:** C26H42O2Si  
**SMILES:** CCCCCCCC#CCC#CCC#CCCCC(=O)O[Si](C)(C)C(C)(C)C  
**Mol. weight [g/mol]:** 414.70

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -7.00   |      | Crippen Method |
| logp          | 7.246   |      | Crippen Method |
| rinpol        | 2805.60 |      | NIST Webbook   |

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U333562&Units=SI>  
**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)

## Legend

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

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