

# 4-Methoxy-1-trihexylsilyloxybenzene

**Inchi:** InChI=1S/C25H46O2Si/c1-5-8-11-14-21-28(22-15-12-9-6-2,23-16-13-10-7-3)27-25-19-17  
**InchiKey:** ODZMWJYCCZIJLT-UHFFFAOYSA-N  
**Formula:** C25H46O2Si  
**SMILES:** CCCCCC[Si](CCCCC)(CCCCC)Oc1ccc(OC)cc1  
**Mol. weight [g/mol]:** 406.72

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -6.88   |      | Crippen Method |
| logp          | 8.760   |      | Crippen Method |
| rinpol        | 2551.00 |      | NIST Webbook   |
| rinpol        | 2551.00 |      | 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=U307892&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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