# 1-Diphenylmethylsilyloxy-4-nitrobenzene

**Inchi:** InChI=1S/C19H17NO3Si/c1-24(18-8-4-2-5-9-18,19-10-6-3-7-11-19)23-17-14-12-16(13-15
**InchiKey:** JVWJGDGIYVJTJI-UHFFFAOYSA-N
**Formula:** C19H17NO3Si
**SMILES:** C[Si](Oc1ccc([N+](=O)[O-])cc1)(c1ccccc1)c1ccccc1
**Mol. weight [g/mol]:** 335.43

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -11.48 | | Crippen Method |
| logp | 3.363 | | Crippen Method |
| rinpol | 2591.00 | | NIST Webbook |
| rinpol | 2591.00 | | NIST Webbook |

## Sources

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=U307878&Units=SI
**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l
**Crippen Method:** 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