# 4-Cyano-1-diphenylmethylsilyloxybenzene

**Inchi:** InChI=1S/C20H17NOSi/c1-23(19-8-4-2-5-9-19,20-10-6-3-7-11-20)22-18-14-12-17(16-21)
**InchiKey:** CQCVITQTNZUVGC-UHFFFAOYSA-N
**Formula:** C20H17NOSi
**SMILES:** C[Si](Oc1ccc(C#N)cc1)(c1ccccc1)c1ccccc1
**Mol. weight [g/mol]:** 315.44

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -11.18 | | Crippen Method |
| logp | 3.327 | | Crippen Method |
| rinpol | 2246.00 | | NIST Webbook |
| rinpol | 2246.00 | | NIST Webbook |

## Sources

**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l
**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws
**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=U307876&Units=SI

## Legend

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