

1-Phenylethanol, dimethylpentafluorophenylsilyl ether

Inchi: InChI=1S/C16H15F5OSi/c1-9(10-7-5-4-6-8-10)22-23(2,3)16-14(20)12(18)11(17)13(19)15
InchiKey: YVINXXHXQFYWBV-UHFFFAOYSA-N
Formula: C16H15F5OSi
SMILES: CC(O[Si](C)(C)c1c(F)c(F)c(F)c(F)c1F)c1ccccc1
Mol. weight [g/mol]: 346.37

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -7.96 | | Crippen Method |
| logp | 4.572 | | Crippen Method |
| rinpol | 1588.00 | | NIST Webbook |
| rinpol | 1588.00 | | NIST Webbook |

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368944&Units=SI>

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/68-038-5/1-Phenylethanol-dimethylpentafluorophenylsilyl-ether.pdf>

Generated by Cheméo on 2024-04-28 18:55:25.04255464 +0000 UTC m=+16619773.963131992.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.