

(«alpha», «alpha», «alpha»)-Tris(trimethylsilyl)ethyl

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|-----------------------------|---|
| Inchi: | InChI=1S/C17H34Si3/c1-18(2,3)17(19(4,5)6,20(7,8)9)15-16-13-11-10-12-14-16/h10-14H |
| InchiKey: | RRMMCVWTYVTPKU-UHFFFAOYSA-N |
| Formula: | C17H34Si3 |
| SMILES: | C[Si](C)(C)C(Cc1ccccc1)([Si](C)(C)C)[Si](C)(C)C |
| Mol. weight [g/mol]: | 322.71 |
| CAS: | 35449-08-2 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|-------------|------|----------------|
| ie | 8.22 ± 0.04 | eV | NIST Webbook |
| log10ws | 1.38 | | Crippen Method |
| logp | 6.062 | | Crippen Method |

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=C35449082&Units=SI |

Legend

| | |
|-----------------|-------------------------------------|
| ie: | Ionization energy |
| log10ws: | Log10 of Water solubility in mol/l |
| logp: | Octanol/Water partition coefficient |

Latest version available from:

<https://www.chemeo.com/cid/38-543-7/alpha-alpha-alpha-Tris-trimethylsilyl-ethylbenzene.pdf>

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