

DPA, Me-TMS

Inchi: InChI=1S/C23H34O4Si2/c1-23(17-22(24)25-2,18-9-13-20(14-10-18)26-28(3,4)5)19-11-12
InchiKey: KSYPCPFNFRTVKZ-UHFFFAOYSA-N
Formula: C23H34O4Si2
SMILES: COC(=O)CC(C)(c1ccc(O[Si](C)(C)C)cc1)c1ccc(O[Si](C)(C)C)cc1
Mol. weight [g/mol]: 430.68

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -1.80 | | Crippen Method |
| logp | 5.983 | | Crippen Method |
| rinpola | 2155.00 | | NIST Webbook |
| rinpola | 2151.00 | | NIST Webbook |
| rinpola | 2151.00 | | NIST Webbook |
| rinpola | 2155.00 | | NIST Webbook |

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R536897&Units=SI>

Legend

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

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<https://www.cheméo.com/cid/66-461-7/DPA-Me-TMS.pdf>

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