

Silane, trimethyl(2-nitrophenoxy)-

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|-----------------------------|--|
| Other names: | 2-Trimethylsilyloxy-1-nitrobenzene 2-Nitrophenol, trimethylsilyl ether 2-Nitrophenol, tms derivative |
| Inchi: | InChI=1S/C9H13NO3Si/c1-14(2,3)13-9-7-5-4-6-8(9)10(11)12/h4-7H,1-3H3 |
| InchiKey: | KPYOWYWLPHAMOF-UHFFFAOYSA-N |
| Formula: | C9H13NO3Si |
| SMILES: | C[Si](C)(C)Oc1ccccc1[N+](=O)[O-] |
| Mol. weight [g/mol]: | 211.29 |
| CAS: | 1079-56-7 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -1.13 | | Crippen Method |
| logp | 2.808 | | Crippen Method |
| rinpol | 1405.20 | | NIST Webbook |

Sources

| | |
|------------------------|---|
| Crippen Method: | https://www.chemeo.com/doc/models/crippen_log10ws |
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=C1079567&Units=SI |
| Crippen Method: | http://pubs.acs.org/doi/abs/10.1021/ci9903071 |

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/28-743-6/Silane-trimethyl-2-nitrophenoxy.pdf>

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