# 1,8-Dihydroxy-6-methoxy-3-methylanthraquinone, O,O'-bis(trimethylsilyl)

**Other names:** 3-Methoxy-6-methyl-1,8-bis[(trimethylsilyl)oxy]anthra-9,10-quinone
Anthraquinone, 1,8-dihydroxy-6-methoxy-3-methyl, bis-TMS
Anthraquinone, 1,8-dihydroxy-6-methoxy-3-methyl, TMS
Physcion, TMS

**Inchi:** InChI=1S/C22H28O5Si2/c1-13-9-15-19(17(10-13)26-28(3,4)5)22(24)20-16(21(15)23)11-

**InchiKey:** KTQHHXYXDHXNHO-UHFFFAOYSA-N

**Formula:** C22H28O5Si2

**SMILES:** COc1cc(O[Si](C)(C)C)c2c(c1)C(=O)c1cc(C)cc(O[Si](C)(C)C)c1C2=O

**Mol. weight [g/mol]:** 428.63

**CAS:** 7336-75-6

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -2.24 | | Crippen Method |
| logp | 5.206 | | Crippen Method |
| rinpol | 2836.00 | | NIST Webbook |
| rinpol | 2836.00 | | 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=C7336756&Units=SI

## Legend

**log10ws:** Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices

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