

# GA75, MeTMSi

**Inchi:** InChI=1S/C32H58O8Si4/c1-20-25(38-42(7,8)9)31-19-30(20,40-44(13,14)15)17-16-22(31)  
**InchiKey:** BKNUTLKMOSJOLE-MTNAFVPNSA-N  
**Formula:** C32H58O8Si4  
**SMILES:** C=C1C(O[Si](C)(C)C)C23CC1(O[Si](C)(C)C)CCC2C12CC(O[Si](C)(C)C)C(O[Si](C)(C)C)  
**Mol. weight [g/mol]:** 683.14

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | 1.83    |      | Crippen Method |
| logp          | 6.718   |      | Crippen Method |
| rinpol        | 2947.00 |      | NIST Webbook   |
| rinpol        | 2947.00 |      | NIST Webbook   |

## Sources

**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R79917&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## 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/58-551-6/GA75-MeTMSi.pdf>

Generated by Cheméo on 2024-04-24 04:00:20.883567294 +0000 UTC m=+16220469.804144616.

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