

# Gibberellin 3-epi-GA4, methyl ester trimethylsilyl ether

**Other names:** 3-epi-GA4, MeTMS  
**Inchi:** InChI=1S/C23H34O5Si/c1-13-11-22-12-14(13)7-8-15(22)23-10-9-16(28-29(4,5)6)21(2,20)  
**InchiKey:** ATWIBZVZMYFKOI-XXMNCVSDSA-N  
**Formula:** C<sub>23</sub>H<sub>34</sub>O<sub>5</sub>Si  
**SMILES:** C=C1CC23CC1CCC2C12CCC(O[Si](C)(C)C)C(C)(C(=O)O1)C2C3C(=O)OC  
**Mol. weight [g/mol]:** 418.60

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -2.41   |      | Crippen Method |
| logp          | 4.084   |      | Crippen Method |
| rinpola       | 2623.00 |      | NIST Webbook   |
| rinpola       | 2619.00 |      | NIST Webbook   |
| rinpola       | 2616.00 |      | NIST Webbook   |
| rinpola       | 2609.00 |      | NIST Webbook   |
| rinpola       | 2609.00 |      | NIST Webbook   |

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemed.com/doc/models/crippen\\_log10ws](https://www.chemed.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R187618&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.chemed.com/cid/69-794-5/Gibberellin-3-epi-GA4-methyl-ester-trimethylsilyl-ether.pdf>

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