

# Indole-3-pyruvic acid, TMS

**Inchi:** InChI=1S/C23H41NO4Si4/c1-29(2,3)24-17-18(20-16-19(13-14-21(20)24)26-30(4,5)6)15-  
**InchiKey:** LLCPITUOMNTHRE-JCMHNJIXSA-N  
**Formula:** C23H41NO4Si4  
**SMILES:** C[Si](C)(C)OC(=O)C(=Cc1cn([Si](C)(C)C)c2ccc(O[Si](C)(C)C)cc12)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 507.92

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.08		Crippen Method
logp	7.109		Crippen Method
rinpol	2433.00		NIST Webbook
rinpol	2433.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**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=R485848&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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<https://www.chemeo.com/cid/48-939-7/Indole-3-pyruvic-acid-TMS.pdf>

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