

# Indomethacin, TBDMS

**Inchi:** InChI=1S/C25H30ClNO4Si/c1-16-20(15-23(28)31-32(6,7)25(2,3)4)21-14-19(30-5)12-13-24  
**InchiKey:** LKCFDBSFQFHGDV-UHFFFAOYSA-N  
**Formula:** C<sub>25</sub>H<sub>30</sub>ClNO<sub>4</sub>Si  
**SMILES:** COc1ccc2c(c1)c(CC(=O)O[Si](C)(C)C(C)(C)C)c(C)n2C(=O)c1ccc(Cl)cc1  
**Mol. weight [g/mol]:** 472.05

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.20		Crippen Method
logp	6.391		Crippen Method
rinpol	3212.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R258616&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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