

# Tiaprofenic acid, TBDMS

**Inchi:** InChI=1S/C20H26O3SSi/c1-14(19(22)23-25(5,6)20(2,3)4)16-12-13-17(24-16)18(21)15-1  
**InchiKey:** FFDCEKNXLKYIHB-UHFFFAOYSA-N  
**Formula:** C20H26O3SSi  
**SMILES:** CC(C(=O)O[Si](C)(C)C(C)(C)C)c1ccc(C(=O)c2ccccc2)s1  
**Mol. weight [g/mol]:** 374.57

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.80		Crippen Method
logp	5.631		Crippen Method
rinpol	2590.70		NIST Webbook
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## 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=R258710&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

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<https://www.chemeo.com/cid/118-645-5/Tiaprofenic-acid-TBDMS.pdf>

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