

# Benzoic acid, 3,4,5-triiodo, TMS

**Inchi:** InChI=1S/C10H11I3O2Si/c1-16(2,3)15-10(14)6-4-7(11)9(13)8(12)5-6/h4-5H,1-3H3  
**InchiKey:** TUCLDCNUJZLXEC-UHFFFAOYSA-N  
**Formula:** C10H11I3O2Si  
**SMILES:** C[Si](C)(C)OC(=O)c1cc(I)c(I)c(I)c1  
**Mol. weight [g/mol]:** 571.99

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.05		Crippen Method
logp	4.492		Crippen Method
rinpol	2381.00		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=R65374&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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