

# Benzoic acid, 2-iodo, TMS

**Inchi:** InChI=1S/C10H13IO2Si/c1-14(2,3)13-10(12)8-6-4-5-7-9(8)11/h4-7H,1-3H3  
**InchiKey:** IQBYEIMLYYJKHK-UHFFFAOYSA-N  
**Formula:** C10H13IO2Si  
**SMILES:** C[Si](C)(C)OC(=O)c1ccccc1I  
**Mol. weight [g/mol]:** 320.20

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.75		Crippen Method
logp	3.283		Crippen Method
rinpol	1579.00		NIST Webbook
rinpol	1579.00		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=R65360&Units=SI>

## Legend

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

Latest version available from:

<https://www.chemeo.com/cid/48-500-3/Benzoic-acid-2-iodo-TMS.pdf>

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