

# Benzoic acid, 2-[(trimethylsilyl)oxy]-, trimethylsilyl ester

**Other names:**

Benzoic acid, o-(trimethylsiloxy)-, trimethylsilyl ester

Bis(trimethylsilyl) derivative of Salicylic acid

2-Hydroxybenzoic acid, di(trimethylsilyl) deriv.

Benzoic acid, 2-hydroxy, di-TMS

Salicylic acid (2TMS)

Salicylic acid, bis-TMS

Salicylic acid, di-TMS

Salicylic acid, TMS

Salicylic acid, trimethylsilyl ether, trimethylsilyl ester

2-Hydroxybenzoic acid, TMS

Benzoic acid, 2-hydroxy, TMS

Trimethylsilyl 2-[(trimethylsilyl)oxy]benzoate

Salicylic acid, 2tms derivative

**Inchi:**

InChI=1S/C13H22O3Si2/c1-17(2,3)15-12-10-8-7-9-11(12)13(14)16-18(4,5)6/h7-10H,1-6H

**InchiKey:**

BNAGIDDOEKUJRZ-UHFFFAOYSA-N

**Formula:**

C13H22O3Si2

**SMILES:**

C[Si](C)(C)OC(=O)c1ccccc1O[Si](C)(C)C

**Mol. weight [g/mol]:**

282.48

**CAS:**

3789-85-3

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.39		Crippen Method
logp	3.892		Crippen Method
rinpol	1519.00		NIST Webbook
rinpol	1525.00		NIST Webbook
rinpol	1524.00		NIST Webbook
rinpol	1524.00		NIST Webbook
rinpol	1525.00		NIST Webbook
rinpol	1525.00		NIST Webbook
rinpol	1519.00		NIST Webbook
rinpol	1519.00		NIST Webbook
rinpol	1520.00		NIST Webbook
rinpol	1521.00		NIST Webbook
rinpol	1507.00		NIST Webbook
rinpol	1507.00		NIST Webbook
rinpol	1508.30		NIST Webbook

rinpol	1508.00	NIST Webbook
rinpol	1525.00	NIST Webbook
rinpol	1522.00	NIST Webbook
rinpol	1528.00	NIST Webbook
rinpol	1524.00	NIST Webbook
rinpol	1505.00	NIST Webbook
rinpol	1522.00	NIST Webbook
rinpol	1505.00	NIST Webbook
rinpol	1502.00	NIST Webbook
rinpol	1510.00	NIST Webbook
rinpol	1507.00	NIST Webbook
rinpol	1505.00	NIST Webbook
rinpol	1524.00	NIST Webbook
rinpol	1522.00	NIST Webbook
rinpol	1507.00	NIST Webbook
rinpol	1524.00	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=C3789853&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/42-894-3/Benzoic-acid-2-trimethylsilyl-oxy-trimethylsilyl-ester.pdf>

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