

# Benzoic acid, 3-trifluoroacetyloxy-, trimethylsilyl ester

**Inchi:** InChI=1S/C12H13F3O4Si/c1-20(2,3)19-10(16)8-5-4-6-9(7-8)18-11(17)12(13,14)15/h4-7H  
**InchiKey:** UZICEBBHIXBCIW-UHFFFAOYSA-N  
**Formula:** C12H13F3O4Si  
**SMILES:** C[Si](C)(C)OC(=O)c1cccc(OC(=O)C(F)(F)F)c1  
**Mol. weight [g/mol]:** 306.31

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.58		Crippen Method
logp	3.146		Crippen Method
rinpol	1351.00		NIST Webbook
rinpol	1351.00		NIST Webbook

## 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=U375035&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## 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/125-247-9/Benzoic-acid-3-trifluoroacetyloxy-trimethylsilyl-ester.pdf>

Generated by Cheméo on 2024-04-26 17:43:21.857527346 +0000 UTC m=+16442650.778104659.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.