

Benzoic acid, 4-(trimethylsilyl)-

Other names:	Benzoic acid, p-(trimethylsilyl)-,
Inchi:	InChI=1S/C10H14O2Si/c1-13(2,3)9-6-4-8(5-7-9)10(11)12/h4-7H,1-3H3,(H,11,12)
InchiKey:	GKAWVRLBRQRXAG-UHFFFAOYSA-N
Formula:	C10H14O2Si
SMILES:	C[Si](C)(C)c1ccc(C(=O)O)cc1
Mol. weight [g/mol]:	194.30
CAS:	15290-29-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.20		Crippen Method
logp	1.930		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C15290296&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.cheméo.com/cid/86-085-3/Benzoic-acid-4-trimethylsilyl.pdf>

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