

3-Furoic acid, trimethylsilyl ester

Other names:	Trimethylsilyl 3-furoate 3-Furoic acid, tms derivative
Inchi:	InChI=1S/C8H12O3Si/c1-12(2,3)11-8(9)7-4-5-10-6-7/h4-6H,1-3H3
InchiKey:	BIKFDJNAMKPPRE-UHFFFAOYSA-N
Formula:	C8H12O3Si
SMILES:	C[Si](C)(C)OC(=O)c1ccoc1
Mol. weight [g/mol]:	184.26

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.34		Crippen Method
logp	2.271		Crippen Method
rinpol	1072.70		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U332781&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/47-990-1/3-Furoic-acid-trimethylsilyl-ester.pdf>

Generated by Cheméo on 2024-05-02 23:44:22.085142236 +0000 UTC m=+16982711.005719552.

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