

3,4,5-Trifluorobenzyl alcohol, dimethyl(3-cyanopropylsilyl) ether

Inchi:	InChI=1S/C13H16F3NOSi/c1-19(2,6-4-3-5-17)18-9-10-7-11(14)13(16)12(15)8-10/h7-8H,
InchiKey:	LZTACZYPDCVDIR-UHFFFAOYSA-N
Formula:	C13H16F3NOSi
SMILES:	C[Si](C)(CCC#N)OCc1cc(F)c(F)c(F)c1
Mol. weight [g/mol]:	287.35

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.86		Crippen Method
logp	4.129		Crippen Method
rinpol	1730.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U376072&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

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<https://www.chemeo.com/cid/55-933-5/3-4-5-Trifluorobenzyl-alcohol-dimethyl-3-cyanopropylsilyl-ether.pdf>

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