

3,4,5-Trifluorobenzyl alcohol, bromomethyl(dimethylsilyl) ether

Inchi: InChI=1S/C10H12BrF3OSi/c1-16(2,6-11)15-5-7-3-8(12)10(14)9(13)4-7/h3-4H,5-6H2,1-2H1
InchiKey: IRBNXGDEANNGQY-UHFFFAOYSA-N
Formula: C10H12BrF3OSi
SMILES: C[Si](C)(CBr)OCc1cc(F)c(F)c(F)c1
Mol. weight [g/mol]: 313.19

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.26		Crippen Method
logp	3.760		Crippen Method
rinpol	1488.00		NIST Webbook
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Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U376069&Units=SI>

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/124-771-8/3-4-5-Trifluorobenzyl-alcohol-bromomethyl-dimethylsilyl-ether.pdf>

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