

2-Fluoro-5-nitrobenzyl alcohol, (3-cyanopropyl)dimethylsilyl ether

Inchi: InChI=1S/C13H17FN2O3Si/c1-20(2,8-4-3-7-15)19-10-11-9-12(16(17)18)5-6-13(11)14/h5
InchiKey: LHFIGIJSZXNGSR-UHFFFAOYSA-N
Formula: C13H17FN2O3Si
SMILES: C[Si](C)(CCCC#N)OCc1cc([N+](=O)[O-])ccc1F
Mol. weight [g/mol]: 296.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.85		Crippen Method
logp	3.759		Crippen Method
rinpol	2133.00		NIST Webbook
rinpol	2133.00		NIST Webbook

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=U376136&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/115-199-4/2-Fluoro-5-nitrobenzyl-alcohol-3-cyanopropyl-dimethylsilyl-ether.pdf>

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