

4-Fluoro-3-nitrobenzyl alcohol, (3-cyanopropyl)dimethylsilyl ether

Inchi: InChI=1S/C13H17FN2O3Si/c1-20(2,8-4-3-7-15)19-10-11-5-6-12(14)13(9-11)16(17)18/h5
InchiKey: OMMVQIXLFXGCBL-UHFFFAOYSA-N
Formula: C13H17FN2O3Si
SMILES: C[Si](C)(CCC#N)OCc1ccc(F)c([N+](=O)[O-])c1
Mol. weight [g/mol]: 296.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.85		Crippen Method
logp	3.759		Crippen Method
rinpol	2181.00		NIST Webbook
rinpol	2181.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U376140&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/121-338-2/4-Fluoro-3-nitrobenzyl-alcohol-3-cyanopropyl-dimethylsilyl-ether.pdf>

Generated by Cheméo on 2024-04-29 06:54:05.326166032 +0000 UTC m=+16662894.246743344.

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