

8-Chlorooctanol, dimethylpentafluorophenylsilyl ether

Inchi: InChI=1S/C16H22ClF5OSi/c1-24(2,23-10-8-6-4-3-5-7-9-17)16-14(21)12(19)11(18)13(20)
InchiKey: RGPNTDNYRDCWNU-UHFFFAOYSA-N
Formula: C16H22ClF5OSi
SMILES: C[Si](C)(OCCCCCCCCl)c1c(F)c(F)c(F)c(F)c1F
Mol. weight [g/mol]: 388.88

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.55		Crippen Method
logp	5.390		Crippen Method
rinpol	1941.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367931&Units=SI>

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/66-295-2/8-Chlorooctanol-dimethylpentafluorophenylsilyl-ether.pdf>

Generated by Cheméo on 2025-12-05 12:18:45.37708271 +0000 UTC m=+4685322.907123364.

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