

Clofoctol, trimethylsilyl ether

Inchi: InChI=1S/C24H34Cl2OSi/c1-23(2,3)16-24(4,5)19-10-12-22(27-28(6,7)8)18(14-19)13-17-
InchiKey: AXBVVGNUDSOQAN-UHFFFAOYSA-N
Formula: C24H34Cl2OSi
SMILES: CC(C)(C)CC(C)(C)c1ccc(O[Si](C)(C)C)c(Cc2ccc(Cl)cc2Cl)c1
Mol. weight [g/mol]: 437.52

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.70		Crippen Method
logp	8.512		Crippen Method
rinpol	2527.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U374847&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/22-986-3/Clofoctol-trimethylsilyl-ether.pdf>

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