

Fenoxanil, N-trimethylsilyl-

Inchi: InChI=1S/C18H26Cl2N2O2Si/c1-12(2)18(4,11-21)22(25(5,6)7)17(23)13(3)24-16-9-8-14(
InchiKey: OWGIWZITZCEICO-UHFFFAOYSA-N
Formula: C18H26Cl2N2O2Si
SMILES: CC(Oc1ccc(Cl)cc1Cl)C(=O)N(C(C)(C#N)C(C)C)[Si](C)(C)C
Mol. weight [g/mol]: 401.40

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.81		Crippen Method
logp	5.362		Crippen Method
rinpol	2233.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U374837&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/46-346-7/Fenoxanil-N-trimethylsilyl.pdf>

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