Corbasil, N-TFA-O-TMS

Inchi:	InChI=1S/C20H36F3NO4Si3/c1-14(24-19(25)20(21,22)23)18(28-31(8,9)10)15-11-12-16(
InchiKey:	MOYVSPNBWWCRBJ-UHFFFAOYSA-N
Formula:	C20H36F3NO4Si3
SMILES:	CC(NC(=O)C(F)(F)F)C(O[Si](C)(C)C)c1ccc(O[Si](C)(C)C)c(O[Si](C)(C)C)c1
Mol. weight [g/mol]:	495.76

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.14		Crippen Method
logp	6.074		Crippen Method
rinpol	1937.00		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=R208374&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/40-317-5/Corbasil-N-TFA-O-TMS.pdf

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