

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(27)
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.cheméo.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.cheméo.com/cid/40-317-5/Corbasil-N-TFA-O-TMS.pdf>

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