

Dichlofenac, TBDMS

Inchi: InChI=1S/C20H25Cl2NO2Si/c1-20(2,3)26(4,5)25-18(24)13-14-9-6-7-12-17(14)23-19-15(20)
InchiKey: IAKGAPBBEZTPEO-UHFFFAOYSA-N
Formula: C20H25Cl2NO2Si
SMILES: CC(C)(C)[Si](C)(C)OC(=O)Cc1cccc1Nc1c(Cl)cccc1Cl
Mol. weight [g/mol]: 410.41

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.88		Crippen Method
logp	6.828		Crippen Method
rinpol	2600.00		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=R258532&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/30-459-9/Dichlofenac-TBDMS.pdf>

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