

Furilazole

Other names: Ethanone, 2,2-dichloro-1-[5-(2-furanyl)-2,2-dimethyl-3-oxazolidinyl]-
Inchi: InChI=1S/C11H13Cl2NO3/c1-11(2)14(10(15)9(12)13)6-8(17-11)7-4-3-5-16-7/h3-5,8-9H,6
InchiKey: MCNOFYBITGAAGM-UHFFFAOYSA-N
Formula: C11H13Cl2NO3
SMILES: CC1(C)OC(c2ccco2)CN1C(=O)C(Cl)Cl
Mol. weight [g/mol]: 278.13
CAS: 121776-33-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.41		Crippen Method
logp	2.719		Crippen Method
mcvol	183.300	ml/mol	McGowan Method
rmpol	1743.00		NIST Webbook
rmpol	1743.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C121776338&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume
rmpol: Non-polar retention indices

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