

2,5-Bis(2-fluorophenyl)-1,3,4-oxadiazole

Other names:	2,5-di-(2-Fluorophenyl)oxadiazole-1,3,4 2,5-di-(2-Fluorophenyl)-1,3,4-oxadiazole 1,3,4-Oxadiazole, 2,5-bis(2-fluorophenyl)-
Inchi:	InChI=1S/C14H8F2N2O/c15-11-7-3-1-5-9(11)13-17-18-14(19-13)10-6-2-4-8-12(10)16/h
InchiKey:	HOVHSZHGKDKRMF-UHFFFAOYSA-N
Formula:	C14H8F2N2O
SMILES:	Fc1cccc1-c1nnc(-c2cccc2F)o1
Mol. weight [g/mol]:	258.22
CAS:	62681-98-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.61		Crippen Method
logp	3.682		Crippen Method
mcvol	170.510	ml/mol	McGowan Method

Sources

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=C62681985&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

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<https://www.chemeo.com/cid/11-375-3/2-5-Bis-2-fluorophenyl-1-3-4-oxadiazole.pdf>

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