

Oxadixyl

Other names:

Acetamide, N-(2,6-dimethylphenyl)-2-methoxy-N-(2-oxo-3-oxazolidinyl)-
N-(2,6-Dimethylphenyl)-2-methoxy-N-(2-oxo-3-oxazolidinyl)acetamide
M 10797
Recoil
Ripost
SAN 371
Sandofan
SAN 371F
Wakil
Anchor

Inchi:

InChI=1S/C14H18N2O4/c1-10-5-4-6-11(2)13(10)16(12(17)9-19-3)15-7-8-20-14(15)18/h4

InchiKey:

UWVQIROCRJWDKL-UHFFFAOYSA-N

Formula:

C14H18N2O4

SMILES:

COCC(=O)N(c1c(C)cccc1C)N1CCOC1=O

Mol. weight [g/mol]:

278.30

CAS:

77732-09-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.16		Crippen Method
logp	1.650		Crippen Method
mcvol	208.340	ml/mol	McGowan Method
rinpol	2260.00		NIST Webbook
rinpol	2272.00		NIST Webbook
rinpol	2280.00		NIST Webbook

Sources

Crippen Method:

<http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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=C77732093&Units=SI>

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/64-472-7/Oxadixyl.pdf>

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