

Urea,[4-(2-furylmethyl(methyl)amino)-2,2-diphenyl

Inchi:	InChI=1S/C23H27N3O2/c1-26(17-21-13-8-16-28-21)15-14-23(18-25-22(24)27,19-9-4-2-5
InchiKey:	UVPVHULFYZZUDI-UHFFFAOYSA-N
Formula:	C23H27N3O2
SMILES:	CN(CCC(CNC(N)=O)(c1ccccc1)c1ccccc1)Cc1ccco1
Mol. weight [g/mol]:	377.48
CAS:	116496-68-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.55		Crippen Method
logp	3.756		Crippen Method
mcvol	305.330	ml/mol	McGowan Method

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C116496685&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

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