Cilostazol

Other names:	6-(4-(1-cyclohexyl-1H-tetrazol-5-yl)butoxy)-3,4-dihydroquinolin-2(1H)-one
	6-[4-(1-cyclohexyl-1,2,3,4-tetrazol-5-yl)butoxy]-3,4-dihydrocarbostyril
Inchi:	InChI=1S/C20H27N5O2/c26-20-12-9-15-14-17(10-11-18(15)21-20)27-13-5-4-8-19-22-23
InchiKey:	RRGUKTPIGVIEKM-UHFFFAOYSA-N
Formula:	C20H27N5O2
SMILES:	O=C1CCc2cc(OCCCCc3nnnn3C3CCCCC3)ccc2N1
Mol. weight [g/mol]:	369.47

Physical Properties

Property code	Value	Unit	Source
logp	3.465		Crippen Method
mcvol	285.060	ml/mol	McGowan Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	
Solubility of cilostazol in the presence of polyethylene glycol 4000, polyethylene glycol 6000, polyvinylpyrrolidone K30, and poly(1-vinylpyrrolidone-co-vinyl acetate) at different temperatures:	https://www.doi.org/10.1016/j.jct.2017.05.040
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772

Legend

logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume