Oxyphencyclimine

Other names:	Benzeneacetic acid, «alpha»-cyclohexyl-«alpha»-hydroxy-, (1,4,5,6-tetrahydro-1-methyl-2-pyrimidinyl)methyl ester
	(1,4,5,6-Tetrahydro-1-methyl-2-pyrimidinyl)methyl «alpha»-phenylcyclohexaneglycolate
	Antulcus
	Caridan
	Naridan
	Zamanil
Inchi:	InChI=1S/C20H28N2O3/c1-22-14-8-13-21-18(22)15-25-19(23)20(24,16-9-4-2-5-10-16)17
InchiKey:	DUDKAZCAISNGQN-UHFFFAOYSA-N
Formula:	C20H28N2O3
SMILES:	CN1CCCN=C1COC(=O)C(O)(c1ccccc1)C1CCCCC1
Mol. weight [g/mol]:	344.45
CAS:	125-53-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.37		Crippen Method
logp	2.732		Crippen Method
mcvol	276.150	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=C125531&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
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