Benzeneacetic acid, «alpha»-hydroxy-«alpha»-phenyl-, 1-methyl-4-piperidinyl ester

Other names:	4-NMPB
	1-Methyl-4-piperidyl benzilate
	«alpha»-Hydroxy-diphenylacetic acid, 1-methyl -4-piperidinyl ester
	1-Methyl-4-piperidyl benzylate
	Enpiperate
	NSC 172167
	1-methyl-4-piperidyl diphenylglycolate
Inchi:	InChI=1S/C20H23NO3/c1-21-14-12-18(13-15-21)24-19(22)20(23,16-8-4-2-5-9-16)17-10-
InchiKey:	UGYPGJCVNPPUPE-UHFFFAOYSA-N
Formula:	C20H23NO3
SMILES:	CN1CCC(OC(=O)C(O)(c2ccccc2)c2ccccc2)CC1
Mol. weight [g/mol]:	325.40
CAS:	3608-67-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.37		Crippen Method
logp	2.560		Crippen Method
mcvol	257.570	ml/mol	McGowan Method
rinpol	2431.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
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=C3608671&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