Biperiden

Other names: 1-Piperidinepropanol, «alpha»-bicyclo[2.2.1]hept-5-en-2-yl-«alpha»-phenyl-
1-Piperidinepropanol, «alpha»-5-norbornen-2-yl-«alpha»-phenyl-
Akineton
Beperiden
Bicyclo[2.2.1]hept-5-ene-2-methanol, «alpha»-phenyl-«alpha»-[2-(1-piperidinyl)ethyl]-
Biperidine
KL 373
«alpha»-(Bicyclo(2.2.1)hept-5-en-2-yl)-«alpha»-phenyl-1-piperidino propanol
1-Bicycloheptenyl-1-phenyl-3-piperidino-propanol-1
5-Norbornene-2-methanol, «alpha»-phenyl-«alpha»-(2-piperidinoethyl)-
3-Piperidino-1-phenyl-1-bicyclo(2.2.1)hepten-(5)-yl-propanol-(1)
3-Piperidino-1-phenyl-1-bicycloheptenyl-1-propanol
«alpha»-5-Norbornen-2-yl-«alpha»-phenyl-1-piperidinepropanol

Inchi: InChI=1S/C21H29NO/c23-21(19-7-3-1-4-8-19,11-14-22-12-5-2-6-13-22)20-16-17-9-10-18

InchiKey: YSXKPIUOCJLQIE-UHFFFAOYSA-N

Formula: C21H29NO

SMILES: OC(CCN1CCCCC1)(c1ccccc1)C1CC2C=CC1C2

Mol. weight [g/mol]: 311.46

CAS: 514-65-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.53		Crippen Method
logp	3.962		Crippen Method
mcvol	261.960	ml/mol	McGowan Method
rinpol	2267.00		NIST Webbook
rinpol	2280.00		NIST Webbook
rinpol	2284.00		NIST Webbook
rinpol	2300.00		NIST Webbook
rinpol	2245.00		NIST Webbook

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C514658&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
rinpol:	Non-polar retention indices