Pridinol

Other names: 1-Piperidinepropanol, «alpha»,«alpha»-diphenyl-
«alpha»,«alpha»-Diphenyl-1-piperidinepropanol
Benzhydrol, «alpha»-(2-piperidinoethyl)-
C-238
HH 212
Lyseen
Nonplesin
Nonpressin (free base)
Parks
ParKS 12
ParKS 12 Hommel
238 C
PDP
n-Propanol, 1,1-diphenyl-3-(piperidin-1-yl)-
1,1-Diphenyl-3-piperidino-1-propanol
Ridinol
1,1-Diphenyl-3-(1-piperidyl)-1-propanol
3-(N-Piperidyl)-1,1-diphenyl-1-propanol
NSC 23016

Inchi: InChI=1S/C20H25NO/c22-20(18-10-4-1-5-11-18,19-12-6-2-7-13-19)14-17-21-15-8-3-9-1

InchiKey: RQXCLMGKHJWMOA-UHFFFAOYSA-N

Formula: C20H25NO

SMILES: OC(CCN1CCCCC1)(c1ccccc1)c1ccccc1

Mol. weight [g/mol]: 295.42

CAS: 511-45-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.40		Crippen Method
logp	3.799		Crippen Method
mcvol	250.130	ml/mol	McGowan Method
rinpol	2301.00		NIST Webbook
rinpol	2301.00		NIST Webbook

Sources

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=C511455&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices