NORPIPANONE

Other names:	1-Piperidino-3,3-diphenyl-4-hexanone
	3-Hexanone, 4,4-diphenyl-6-(1-piperidinyl)-
	3-Hexanone, 4,4-diphenyl-6-piperidino-
	4,4-Diphenyl-6-(1-piperidyl)-3-hexanone
	Hexalgon
	Hoechst 10,495
	Hoechst 10495
	Orfenso
Inchi:	InChI=1S/C23H29NO/c1-2-22(25)23(20-12-6-3-7-13-20,21-14-8-4-9-15-21)16-19-24-17-1
InchiKey:	WCDSHELZWCOTMI-UHFFFAOYSA-N
Formula:	C23H29NO
SMILES:	CCC(=O)C(CCN1CCCCC1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]:	335.49

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.80		Cheméo Relay (1.0)
logp	4.828		Crippen Method
mcvol	288.100	ml/mol	McGowan Method
rinpol	2488.00		NIST Webbook
tb	681.79	K	Cheméo Relay (1.0)
tf	415.82	K	Cheméo Relay (1.0)

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
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):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C561488&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
tb:	Normal Boiling Point Temperature
tf:	Normal melting (fusion) point