3,4-Dihydro-3-phenyl-6-(1,1,3,3-tetramethylbutyl)-2

Inchi: InChI=1S/C22H29NO/c1-21(2,3)15-22(4,5)18-11-12-20-17(13-18)14-23(16-24-20)19-9-7
InchiKey: VERSMYMNMADGSM-UHFFFAOYSA-N
Formula: C22H29NO
SMILES: CC(C)(C)CC(C)(C)c1ccc2c(c1)CN(c1ccccc1)CO2
Mol. weight [g/mol]: 323.47

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.33		Crippen Method
logp	5.757		Crippen Method
mcvol	278.310	ml/mol	McGowan Method

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=B6003974&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume