bis-(4-Methoxyphenyl)-(3-pyridyl)carbinol

Inchi: InChI=1S/C20H19NO3/c1-23-18-9-5-15(6-10-18)20(22,17-4-3-13-21-14-17)16-7-11-19(2
InchiKey: QKASDQKKOSHQML-UHFFFAOYSA-N
Formula: C20H19NO3
SMILES: COc1ccc(C(O)(c2ccc(OC)cc2)c2cccnc2)cc1
Mol. weight [g/mol]: 321.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.73		Crippen Method
logp	3.383		Crippen Method
mcvol	248.970	ml/mol	McGowan Method
rinpol	2669.00		NIST Webbook
ripol	3800.00		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=R537721&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
ripol: Polar retention indices