

Dibutyl 4-methoxy-phenyl phosphate

Inchi: InChI=1S/C15H25O5P/c1-4-6-12-18-21(16,19-13-7-5-2)20-15-10-8-14(17-3)9-11-15/h8-
InchiKey: HCOPQTBZRZOYTBE-UHFFFAOYSA-N
Formula: C15H25O5P
SMILES: CCCCOP(=O)(OCCCC)Oc1ccc(OC)cc1
Mol. weight [g/mol]: 316.33

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.08		Crippen Method
logp	4.816		Crippen Method
mcvol	248.260	ml/mol	McGowan Method
rinpol	2183.00		NIST Webbook
ripol	2861.00		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=R168880&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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

Latest version available from:

<https://www.chemeo.com/cid/75-106-1/Dibutyl-4-methoxy-phenyl-phosphate.pdf>

Generated by Cheméo on 2024-04-23 17:19:18.863869562 +0000 UTC m=+16182007.784446884.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.