

Carbamic acid, n,n-diethyl-, anhydride with dibenzyl phosphate

Inchi:	InChI=1S/C19H24NO5P/c1-3-20(4-2)19(21)25-26(22,23-15-17-11-7-5-8-12-17)24-16-18
InchiKey:	BKBAHPHXFUSOHT-UHFFFAOYSA-N
Formula:	C19H24NO5P
SMILES:	CCN(CC)C(=O)OP(=O)(OCc1ccccc1)OCc1ccccc1
Mol. weight [g/mol]:	377.37
CAS:	110376-81-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.82		Crippen Method
logp	5.006		Crippen Method
mcvol	286.540	ml/mol	McGowan Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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=C110376813&Units=SI

Legend

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

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