4-([Bis([1,1'-biphenyl]-4-yloxy)phosphoryl]oxy)-1,

Inchi: InChI=1S/C36H27O4P/c37-41(38-34-22-16-31(17-23-34)28-10-4-1-5-11-28,39-35-24-18-

InchiKey: GXZLXDRFEDHOAU-UHFFFAOYSA-N

Formula: C36H27O4P

SMILES: O=P(Oc1ccc(-c2ccccc2)cc1)(Oc1ccc(-c2ccccc2)cc1)Oc1ccc(-c2ccccc2)cc1

Mol. weight [g/mol]: 554.57

CAS: 3871-23-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.95		Crippen Method
logp	10.332		Crippen Method
mcvol	419.480	ml/mol	McGowan Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C3871236&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

mcvol: McGowan's characteristic volume