Cyclo-tris(dimethoxyphosphonitrile)

Inchi: InChI=1S/C6H18N3O6P3/c1-10-16(11-2)7-17(12-3,13-4)9-18(8-16,14-5)15-6/h1-6H3
InchiKey: CNQBXJDCTHCEFG-UHFFFAOYSA-N
Formula: C6H18N3O6P3
SMILES: COP1(OC)=NP(OC)(OC)=NP(OC)(OC)=N1
Mol. weight [g/mol]: 321.14
CAS: 957-13-1

Physical Properties

Property code	Value	Unit	Source
log10ws	7.72		Crippen Method
logp	3.717		Crippen Method
mcvol	211.080	ml/mol	McGowan Method

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=C957131&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