

# {P-[bis(2-hydroxyethyl)amino]benzyl}phosphonic acid, diethyl ester

InChI: nChI=18/C15H26NO5P/c1-3-20-22(19,21-4-2)13-14-5-7-15(8-6-14)16(9-11-17)10-12-18  
InChIKey: QRJJPJVKJJQOLOK-UHFFFAOYSA-N

**Formula:** C15H26NO5P  
**SMILES:** CCOP(=O)(Cc1ccc(N(CCO)CCO)cc1)OCC  
**Mol. weight [g/mol]:** 331.34  
**CAS:** 16834-57-4

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.75		Crippen Method
logp	2.244		Crippen Method
mcvol	258.240	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](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=C16834574&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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