

3-(p-hydroxyphenyl)-L-alanine

Other names:	L-tyrosine
Inchi:	InChI=1S/C9H11NO3/c10-8(9(12)13)5-6-1-3-7(11)4-2-6/h1-4,8,11H,5,10H2,(H,12,13)/t8-
InchiKey:	OUYCCASQSFEME-QMMMGPBSA-N
Formula:	C9H11NO3
SMILES:	[NH3+]C(Cc1ccc(O)cc1)C(=O)[O-]
Mol. weight [g/mol]:	181.19

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.62		Crippen Method
logp	-1.705		Crippen Method
mcvol	137.200	ml/mol	McGowan Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Binary Diffusion Coefficients of Aqueous Phenylalanine, Tyrosine, Methionine, and n-Butyric Acids at Infinitesimal Concentration and Temperatures from (293.2 to 333.2) K:	https://www.doi.org/10.1021/je3012698
McGowan Method	http://link.springer.com/article/10.1007/BF02311772

Legend

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

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