

L-Tryptophan, N-acetyl-

Other names:

Tryptophan, N-acetyl-, L-
AC-Try
Acetyl-L-tryptophan
Acetyltryptophan
N-Acetyl-L-tryptophan
N-Acetyltryptophan
Acetyl-L-trp
(S)-N-Acetyltryptophan
NSC 90726
Tryptophan, acetyl

Inchi:

InChI=1S/C13H14N2O3/c1-8(16)15-12(13(17)18)6-9-7-14-11-5-3-2-4-10(9)11/h2-5,7,12,

InchiKey:

DZTHIGRZJZPRDV-GFCCVEGCSA-N

Formula:

C13H14NO3

SMILES:

CC(=O)NC(Cc1c[nH]c2cccc12)C(=O)O

Mol. weight [g/mol]:

232.26

CAS:

1218-34-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.73		Crippen Method
logp	0.818		Crippen Method
mcvol	184.080	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=C1218344&Units=SI>

Crippen Method:

<http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Legend

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

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