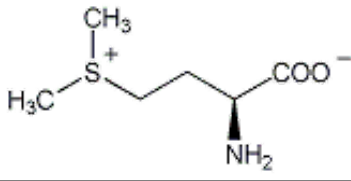


## Records found: 2

Compound: Methionine							
<sup>61</sup> -Tyr-Gly-Gly-Phe-Met-Thr-Ser-Glu-Lys-Ser-Gln-Thr-Pro-Leu-Val <div style="text-align: right; margin-right: 100px;">                            Thr                             Leu                          </div> <sup>91</sup> HO-Glu-Gly-Lys-Lys-Tyr-Ala-Asn-Lys-Ile-Ile-Ala-Asn-Lys-Phe  Human $\beta$ -Endorphin							
CAS:		63-68-3					
Category:		Nutrients and Nutritional Agents					
Subcategory:		Nutrients (other)					
Formula:		C5 H11 N O2 S					
Molecular Weight:		149.21					
SMILES:		CSCC[C@H](N)C(O)=O>					
pKa:		2.28					
Low est Solubility (mg/ml):		33.0					
Human Permeability (x 10 <sup>4</sup> cm/s):		N/A					
cLogP (BioLoom 5.0):	-1.73	LOW Permeability					
logP:	-1.87	LOW Permeability					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (cLogP)	BCS Class (logP)
WHO	250.0	250.0	0.030303031	0.030303031	HIGH	Class III	Class III
Compound: s-Methylmethionine							
							
CAS:		4727-40-6					
Category:		Nutrients and Nutritional Agents					
Subcategory:		Vitamins					
Formula:		C6 H13 N O2 S					
Molecular Weight:		163.24					
SMILES:		C[S+](C)CC[C@H](C(=O)[O-])[NH3+]>					
Low est Solubility (mg/ml):		1000.0					
Human Permeability (x 10 <sup>4</sup> cm/s):		N/A					
cLogP (BioLoom 5.0):	-3.74	LOW Permeability					
logP:	N/A	N/A					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (cLogP)	BCS Class (logP)
JP	25.0	25.0	1.6666666E-4	1.6666666E-4	HIGH	Class III	N/A

\*\* A volume of 250 mL is used for the drugs on the US, UK, SP, KOR, and WHO lists, and a volume of 150 mL is used for drugs on the JP list.