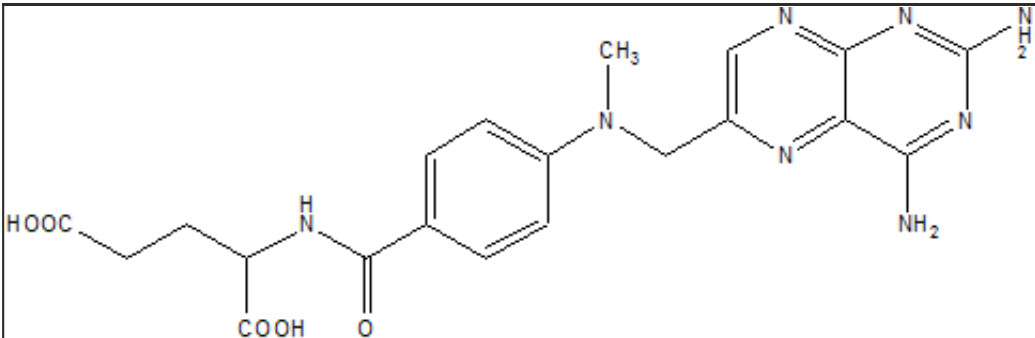


Records found: 1

Compound: Methotrexate							
							
CAS:		59-05-2					
Category:		Biologic and Immunologic Agents					
Subcategory:							
Formula:		C20 H22 N8 O5					
Molecular Weight:		454.44					
SMILES:		CN(C=C1=CN=C(N)N=C(N)C2=N1)C1=CC=C(C=C1)C(=O)N[C@@H](CCC(=O)O)C(=O)O>					
pKa:		3.8, 4.8, 5.6					
Low est Solubility (mg/ml):		0.01					
Human Permeability (x 10 ⁴ cm/s):		NA					
cLogP (BioLoom 5.0):	-0.03	LOW Permeability					
logP:	-1.85	LOW Permeability					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (cLogP)	BCS Class (logP)
WHO	2.5	2.5	1.0	1.0	HIGH	Class III	Class III

** 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.