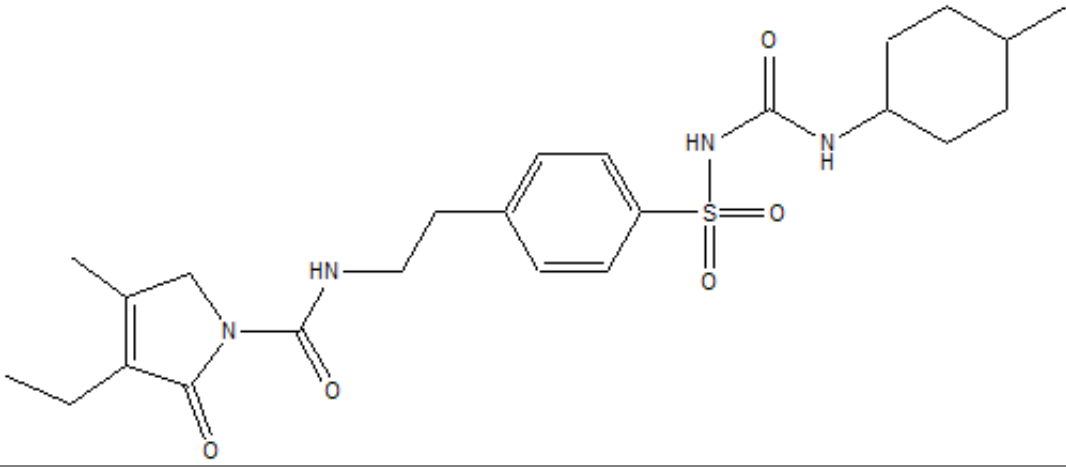


Records found: 1

Compound: Glimepiride							
							
CAS:		93479-97-1					
Category:		Endocrine and Metabolic Agents					
Subcategory:		Antidiabetic Agents (Sulfonylureas)					
Formula:		C24 H34 N4 O5 S					
Molecular Weight:		490.62					
SMILES:		<chem>CCC1=C(C)CN(C(=O)NCCC2=CC=C(C=C2)S(=O)(=O)NC(=O)NC2CCC(C)CC2)C1=O></chem>					
Low est Solubility (mg/ml):		0.01					
Human Permeability (x 10 ⁴ cm/s):		N/A					
cLogP (BioLoom 5.0):	3.96	HIGH Permeability					
logP:	3.5	HIGH Permeability					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (cLogP)	BCS Class (logP)
KOR	1.0	4.0	0.4	1.6	LOW*	Class II*	Class II*
JP	1.0	3.0	0.6666667	2.0	LOW*	Class II*	Class II*
SP	1.0	4.0	0.4	1.6	LOW*	Class II*	Class II*
US	1.0	4.0	0.4	1.6	LOW*	Class II*	Class II*
UK	1.0	4.0	0.4	1.6	LOW*	Class II*	Class II*

* At the lowest dose strength, this is a HIGH solubility compound.

** 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.