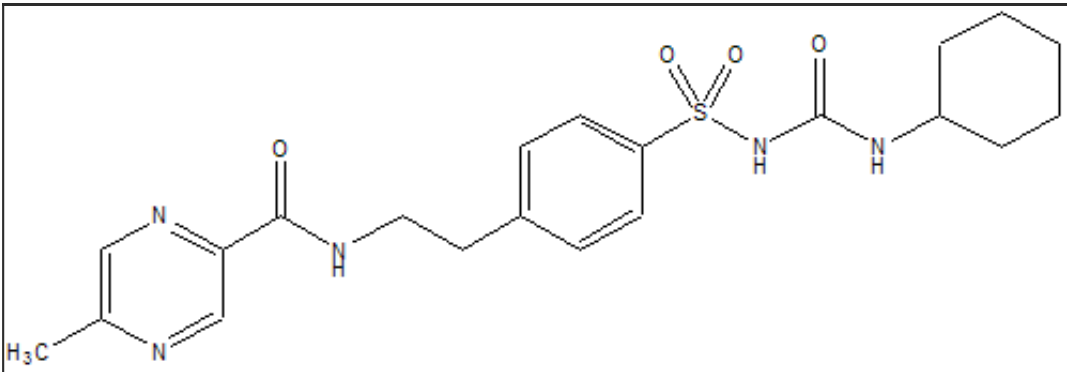


Records found: 1

Compound: Glipizide							
							
CAS:		29094-61-9					
Category:		Endocrine and Metabolic Agents					
Subcategory:		Antidiabetic Agents (Sulfonylureas)					
Formula:		C21 H27 N5 O4 S					
Molecular Weight:		445.54					
SMILES:		CC1=CN=C(C=N1)C(=O)NCCC1=CC=C(C=C1)S(=O)(=O)NC(=O)NC1CCCCC1>					
pKa:		5.9					
Low est Solubility (mg/ml):		0.01					
Human Permeability (x 10 ⁴ cm/s):		NA					
cLogP (BioLoom 5.0):	2.59	HIGH Permeability					
logP:	1.91	HIGH Permeability					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (cLogP)	BCS Class (logP)
US	2.5	10.0	1.0	4.0	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.