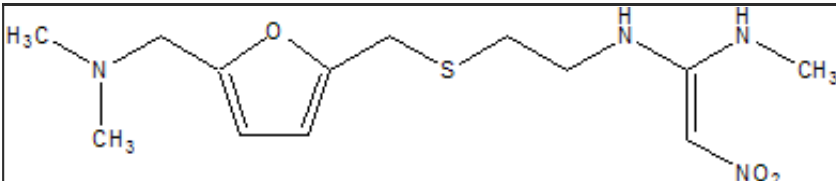


Records found: 1

Compound: Ranitidine						
						
CAS:		66357-35-5				
Category:		Gastrointestinal Agents				
Subcategory:		Histamine H2 Antagonists				
Formula:		C13 H22 N4 O3 S				
Molecular Weight:		314.41				
SMILES:		<chem>CN(C)(NCCSCC1=CC=C(CN(C)C)O1)=C/[N+](O)=O></chem>				
pKa:		2.3, 8.2				
Low est Solubility (mg/ml):		100.0				
Human Permeability (x 10 ⁴ cm/s):		0.27		Measured LOW Permeability		
cLogP (BioLoom 5.0):	0.85					
logP:	0.27					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (Human)
KOR	75.0	300.0	0.0030	0.012	HIGH	Class III
JP	75.0	300.0	0.0050	0.02	HIGH	Class III
SP	75.0	300.0	0.0030	0.012	HIGH	Class III
UK	75.0	300.0	0.0030	0.012	HIGH	Class III
US	150.0	300.0	0.0060	0.012	HIGH	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.