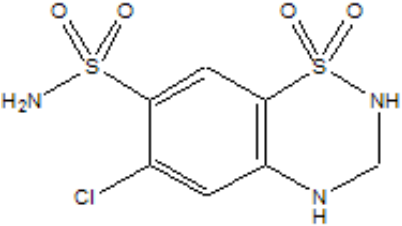


## Records found: 1

Compound: Hydrochlorothiazide						
						
CAS:		58-93-5				
Category:		Cardiovascular Agents				
Subcategory:		Diuretics				
Formula:		C7 H8 Cl N3 O4 S2				
Molecular Weight:		297.74				
SMILES:		NS(=O)(=O)C1=C(Cl)C=C2NCNS(=O)(=O)C2=C1>				
pKa:		7.0, 9.2				
Low est Solubility (mg/ml):		0.01				
Human Permeability (x 10 <sup>4</sup> cm/s):		0.04 Measured <b>LOW</b> Permeability				
cLogP (BioLoom 5.0):	-0.36					
logP:	-0.07					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (Human)
KOR	25.0	25.0	10.0	10.0	LOW	Class IV
WHO	25.0	50.0	10.0	20.0	LOW	Class IV
SP	6.0	50.0	2.4	20.0	LOW	Class IV
US	6.25	100.0	2.5	40.0	LOW	Class IV
UK	12.5	50.0	5.0	20.0	LOW	Class IV

\*\* 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.