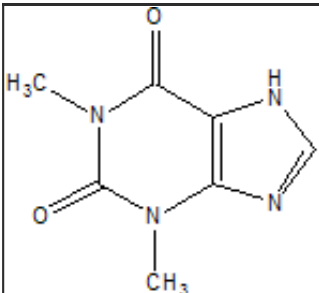


**Records found: 1**

Compound: Theophylline							
							
CAS:		58-55-9					
Category:		Respiratory Agents					
Subcategory:		Respiratory Agents (other)					
Formula:		C7 H8 N4 O2					
Molecular Weight:		180.16					
SMILES:		CN1C2=C(NC=N2)C(=O)N(C)C1=O>					
pKa:		3.5, 8.6					
Low est Solubility (mg/ml):		1.0					
Human Permeability (x 10 <sup>4</sup> cm/s):		N/A					
cLogP (BioLoom 5.0):	-0.03	LOW Permeability					
logP:	-0.02	LOW Permeability					
Country List:	Minimum Dose (mg)	Maximum Dose (mg)	Do (min)**	Do (max)**	Solubility	BCS Class (cLogP)	BCS Class (logP)
WHO	100.0	300.0	0.4	1.2	LOW*	Class IV*	Class IV*

\* 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.