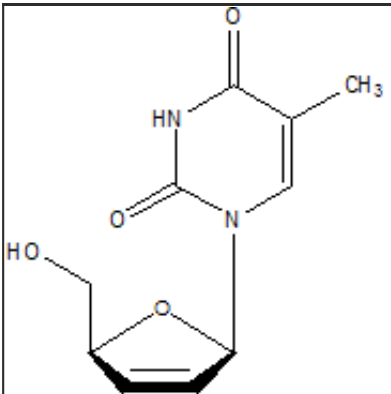


Records found: 1

| Compound: Stavudine | | | | | | | |
|---|-------------------|--|-------------|--------------|------------|-------------------|------------------|
|  | | | | | | | |
| CAS: | | 3056-17-5 | | | | | |
| Category: | | Anti-infective Agents | | | | | |
| Subcategory: | | Antivirals (Nucleoside Reverse Transcriptase Inhibitors) | | | | | |
| Formula: | | C10 H12 N2 O4 | | | | | |
| Molecular Weight: | | 224.21 | | | | | |
| SMILES: | | CC1=CN([C@@H]2O[C@H](CO)C=C2)C(=O)NC1=O> | | | | | |
| Low est Solubility (mg/ml): | | 83.0 | | | | | |
| Human Permeability (x 10 ⁴ cm/s): | | N/A | | | | | |
| cLogP (BioLoom 5.0): | -0.74 | LOW Permeability | | | | | |
| logP: | -0.72 | LOW Permeability | | | | | |
| Country List: | Minimum Dose (mg) | Maximum Dose (mg) | Do (min)** | Do (max)** | Solubility | BCS Class (cLogP) | BCS Class (logP) |
| WHO | 15.0 | 40.0 | 7.228916E-4 | 0.0019277108 | HIGH | Class III | Class III |
| SP | 15.0 | 40.0 | 7.228916E-4 | 0.0019277108 | HIGH | Class III | Class III |
| US | 15.0 | 40.0 | 7.228916E-4 | 0.0019277108 | HIGH | Class III | 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.