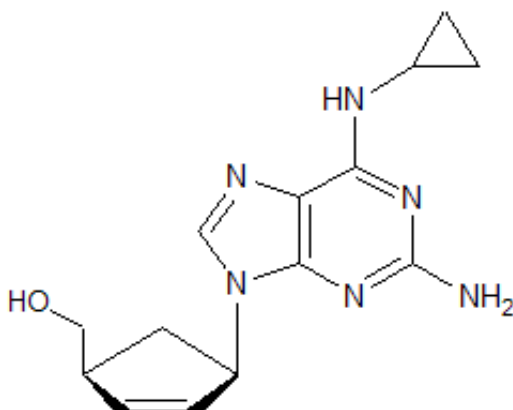


Records found: 1

| Compound: Abacavir | | | | | | | |
|-----------------------------------------------------------------------------------|-------------------|----------------------------------------------------------|-------------|-------------|------------|-------------------|------------------|
|  | | | | | | | |
| CAS: | | 136470-78-5 | | | | | |
| Category: | | Anti-infective Agents | | | | | |
| Subcategory: | | Antivirals (Nucleoside Reverse Transcriptase Inhibitors) | | | | | |
| Formula: | | C14 H18 N6 O | | | | | |
| Molecular Weight: | | 286.332 | | | | | |
| SMILES: | | NC1=NC2=C(N=CN2[C@@H]2C[C@H](CO)C=C2)C(NC2CC2)=N1> | | | | | |
| pKa: | | 5.77, 15.41 | | | | | |
| Low est Solubility (mg/ml): | | 22.9 | | | | | |
| Human Permeability (x 10 ⁴ cm/s): | | N/A | | | | | |
| cLogP (BioLoom 5.0): | 1.61 | HIGH Permeability | | | | | |
| logP: | 1.2 | LOW Permeability | | | | | |
| Country List: | Minimum Dose (mg) | Maximum Dose (mg) | Do (min)** | Do (max)** | Solubility | BCS Class (cLogP) | BCS Class (logP) |
| WHO | 300.0 | 300.0 | 0.052401748 | 0.052401748 | HIGH | Class I | Class III |
| US | 300.0 | 300.0 | 0.052401748 | 0.052401748 | HIGH | Class I | Class III |
| SP | 300.0 | 300.0 | 0.052401748 | 0.052401748 | HIGH | Class I | Class III |
| UK | 300.0 | 300.0 | 0.052401748 | 0.052401748 | HIGH | Class I | 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.