

Records found: 1

| Compound: Itraconazole | | | | | | | |
|--|-------------------|---|------------|------------|------------|-------------------|------------------|
| | | | | | | | |
| CAS: | | 84625-61-6 | | | | | |
| Category: | | Anti-infective Agents | | | | | |
| Subcategory: | | Antifungals | | | | | |
| Formula: | | C35 H38 Cl2 N8 O4 | | | | | |
| Molecular Weight: | | 705.65 | | | | | |
| SMILES: | | CCC(C)N1N=CN(C1=O)C1=CC=C(C=C1)N1CCN(CC1)C1=CC=C(OC[C@H]2CO[C@@](C2)(CN3C=NC=N3)(O2)C2=C(Cl)C=C(Cl)C=C2)C=C1> | | | | | |
| pKa: | | 3.7 | | | | | |
| Low est Solubility (mg/ml): | | 0.01 | | | | | |
| Human Permeability (x 10 ⁴ cm/s): | | N/A | | | | | |
| cLogP (BioLoom 5.0): | 6.31 | HIGH Permeability | | | | | |
| logP: | 5.66 | HIGH Permeability | | | | | |
| Country List: | Minimum Dose (mg) | Maximum Dose (mg) | Do (min)** | Do (max)** | Solubility | BCS Class (cLogP) | BCS Class (logP) |
| KOR | 100.0 | 100.0 | 40.0 | 40.0 | LOW | Class II | Class II |
| JP | 50.0 | 50.0 | 33.333336 | 33.333336 | LOW | Class II | Class II |
| SP | 100.0 | 100.0 | 40.0 | 40.0 | LOW | Class II | Class II |
| UK | 100.0 | 100.0 | 40.0 | 40.0 | LOW | Class II | Class II |

** 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.