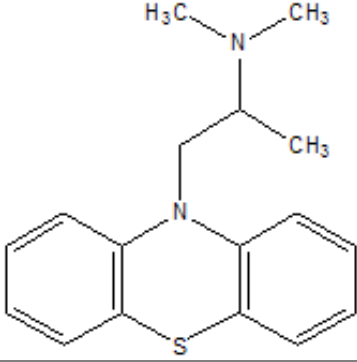


Records found: 1

| Compound: Promethazine | | | | | | | |
|---|--------------------------------------|-------------------|------------|------------|------------|-------------------|------------------|
|  | | | | | | | |
| CAS: | 60-87-7 | | | | | | |
| Category: | Central Nervous System Agents | | | | | | |
| Subcategory: | Antiemetics | | | | | | |
| Formula: | C17 H20 N2 S | | | | | | |
| Molecular Weight: | 284.43 | | | | | | |
| SMILES: | CC(CN1C2=CC=CC=C2SC2=CC=CC=C12)N(C)C | | | | | | |
| pKa: | 9.1 | | | | | | |
| Low est Solubility (mg/ml): | 100.0 | | | | | | |
| Human Permeability (x 10 ⁴ cm/s): | N/A | | | | | | |
| cLogP (BioLoom 5.0): | 4.6 | HIGH Permeability | | | | | |
| logP: | 4.81 | HIGH Permeability | | | | | |
| Country List: | Minimum Dose (mg) | Maximum Dose (mg) | Do (min)** | Do (max)** | Solubility | BCS Class (cLogP) | BCS Class (logP) |
| WHO | 10.0 | 25.0 | 4.0E-4 | 0.0010 | HIGH | Class I | Class I |

** 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.