Drug Constellations
Neglected Diseases

Ten small molecule drugs for neglected diseases and a comparison of their key pharmacokinetic properties.

1. Mebendazole
   - Neglected Disease Profile: 0.1292
   - Disease: Schistosomiasis
   - Daily dose (mg/70kg): 200,000
   - People affected (k): 240,000

2. Praziquantel
   - Neglected Disease Profile: 0.07
   - Disease: Schistosomiasis
   - Daily dose (mg/70kg): 2800

3. Mefloquine
   - Neglected Disease Profile: 0.3
   - Disease: Malaria and Schistosomiasis
   - Daily dose (mg/70kg): 1050
   - People affected (k): 240,000

4. Nifurtimox
   - Neglected Disease Profile: 0.183
   - Disease: Trypanosomiasis
   - Daily dose (mg/70kg): 1050
   - People affected (k): 200,000

5. Diethylcarbamazine
   - Neglected Disease Profile: 0.9775
   - Disease: Lymphatic Filariasis
   - Daily dose (mg/70kg): 420
   - People affected (k): 120,000

6. Bedaquiline
   - Neglected Disease Profile: 0.4552
   - Disease: Tuberculosis
   - Daily dose (mg/70kg): 400
   - People affected (k): 10,000

7. Miltefosine
   - Neglected Disease Profile: 0.455
   - Disease: Leishmaniasis
   - Daily dose (mg/70kg): 175
   - People affected (k): 1,300

8. Clofazimine
   - Neglected Disease Profile: 0.275
   - Disease: Leprosy
   - Daily dose (mg/70kg): 50
   - People affected (k): 175

9. Suramin
   - Neglected Disease Profile: 0.1552
   - Disease: Antifungal
   - Daily dose (mg/70kg): 600
   - People affected (k): N/A

For further information and data please visit
www.optibrium.com/drugconstellations

Compounds selected from the Pathogen Box reference compounds
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