

Title	Drug preparation for Leishmania cultures		
Protocol Number	PARA19002	Written by	Duha A.
Adapted from	CFP Labs	Version	1.0
Date created	30 th September 2019	Version update	NA

Drug preparation:

a) Antimony (SbIII)

50mM stock solution preparation steps:

- Measure 0.17g of potassium antimonyl tartrate trihydrate (sigma 383376)
- Dissolve in 5mL ultra-pure water
- After the powder dissolves, filter the solution using a syringe and a 0.2 µm filter.
- Make 1 mL aliquots and store them at room temperature

Sb solution is stable at room temperature for 1 month

b) Miltefosine (MF):

5mM stock solution preparation steps:

- Measure 0.02g of miltefosine (Cayman chemical company 63280)
- Dissolve in 10mL ultra-pure water
- After the powder dissolves, filter the solution using a syringe and a 0.2 µm filter.
- Make 1 mL aliquots and store them at -20°C

c) Amphotericin B solution:

Solution is ready made (sigma A2942) at a concentration of 250 µg/mL (which is equivalent to **270.539 mM**).