

Extraction of Polyketides for LC-MS analysis

- Collect 10 mL sample from observed culture
- Add equal volume acetone and chill
- Vortex 30 seconds
- Add 30 mL Ethyl Acetate, shake, and remove aqueous layer
- Add another 30 mL Ethyl Acetate, shake, and remove aqueous layer
- Wash with sat. NaCl and remove aqueous layer
- Add Sodium Sulfate to remove excess H₂O
- Rotovap off solvent
- Recover with 1 mL MeOH
- Speedvac off MeOH
- Resuspend in 100 μ L MeOH
- Store in 4° refrigerator until analysis