

### **Clozapine *N*-oxide preparation**

1. Calculate the amount of Clozapine *N*-oxide (Tocris, #4936) and weigh it into a Eppendorf tube.
2. Dissolve in DMSO to obtain 5 mg/mL Clozapine *N*-oxide solution, it should be clear yellow solution. Protect the solution from light.
3. Weigh the animal before drug administration and load desired volume of Clozapine *N*-oxide solution into a BD insulin syringe.
4. Inject the Clozapine *N*-oxide solution intraperitoneally at final dosage of 5 mg/kg body weight 1 hr prior to behavioral manipulation.

Note: please always keep the Clozapine *N*-oxide protected from light; The Clozapine *N*-oxide working solution should be freshly prepared.