



TEST SAFADD 1

Evaluation of the abuse liability of psychoactive compounds

Background

The abuse liability of a new compound is a measure of the likelihood that its use will result in drug addiction. Drugs can be tested and screened for their abuse liability using animal models. Notably abused drugs possess strong reinforcing properties; they are self-administered by rodents even at high workload requirement.

Assay principle

Our assays are based on the fact that **compounds with an addictive potential possess reinforcing properties and can substitute to drugs of abuse with close pharmacological properties**

Assay Information

Biological models	Male rats
Methods	Intravenous self-administration
Readouts	Ability to : <ul style="list-style-type: none">• maintain self-administration for high workload• decrease self-administration of a reference drug of abuse• increase seeking for a reference drug of abuse
Standard reference	Depending on the pharmacological features of the tested compound
Turn around time	5 to 7 weeks per test

Person in charge

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