Effect of a CB agonist on body temperature in rats

Male rats

Pool group

Experimental unit: rat within a test period

Animals randomised to treatment sequences

Group 1: CB-veh

Group 2: veh-CB

Pharmacological intervention 1
CB agonist

Pharmacological intervention 2
vehicle

Body temperature measurement period 1

Body temperature measurement period 2

One-way ANOVA with 2 blocking factors

Diagram 1

Treatment

has category

has category

is factor of interest for

is output for

is blocking factor for

Temperature

Test period

has category

has category

period 1

period 2

Animal

Treatments

vehicle

CB agonist

Temperature measurement

Period 1

Period 2
Effect of a CB agonist on body temperature in rats

Pool group

Male rats

Experimental unit: rat

Comprises

Complete randomisation

Group 1

produced

subjected to

Pharmacological intervention 1

has category

Pharmacological intervention 2

has category

has category

has category

Two-way repeated measures mixed model

is output for

Temperature

has category

30 min

60 min

120 min

is factor of interest for

Timing

has category

30 min

60 min

120 min

is factor of interest for

Temperature

has category

is factor of interest for

Temperature measurements

30 min

60 min

120 min

recorded as

Temperature

has category

produced

subjected to

Group 2

has category

Pharmacological intervention 1

has category

Pharmacological intervention 2

has category

vehicle

CB agonist

has category

vehicle

is factor of interest for

Temperature
Effect of a CB agonist on body temperature in rats

Male rats

Pool group

Experimental unit: rat

Complete randomisation

Group 1

Group 2

Pharmacological intervention 1

Pharmacological intervention 2

Temperature

Treatment

vehicle

CB agonist

Data averaged per animal

Temperature measurements

30 min

60 min

120 min

Timing

30 min

60 min

120 min

Unpaired t-test

Temperature

Diagram 3
Effect of a CB agonist on body temperature in rats

Male rats

Pool group

Complete randomisation

Group 1

Pharmacological intervention 1

CB agonist

Temperature measurement

Group 2

Pharmacological intervention 2

vehicle

Temperature

Treatment

Unpaired t-test

Temperature

Time spent inactive

Unpaired t-test

Diagram 4