Evaluate the impact of your test compounds on glucose uptake in isolated adipocytes.

**Key benefits:**

- Quickly select your best drug compounds targeting insulin resistance and diabetes with our sensitive radio-tracer based glucose uptake assay on rodents’ isolated adipocytes.
- Test your drug dose-dependently, using insulin as positive control.

**METHODS**

Isolated adipocytes suspension are incubated with vehicle/test compounds and $^3$H-2-deoxyglucose-(2-DOG).

2-DOG is uptake but not metabolized by cells, which allows the ex vivo assessment of glucose uptake by isolated adipocytes.

**RESULTS**

**Insulin increases glucose uptake in isolated adipocytes**

Glucose uptake assay in wild type mouse adipocyte incubated without (basal) or with insulin 1µM for 10 minutes at 37°C in a medium containing 2DOG*. ###p<0.0001 vs. Basal.