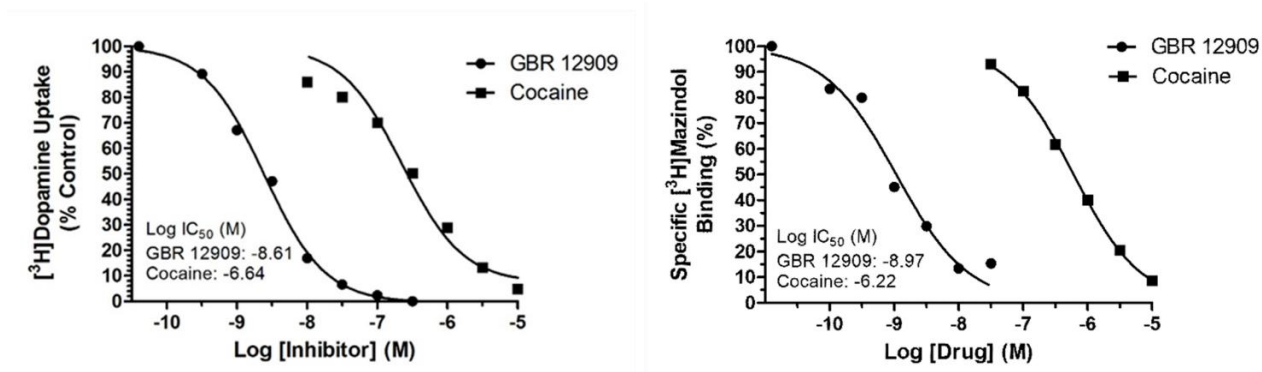


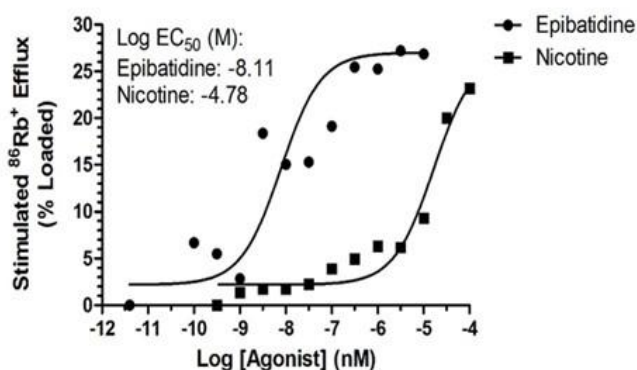
Gifford Bioscience specialize in uptake and release assays using live cells to examine the effects of compounds on receptor or transporter systems.

Cellular Uptake Assay

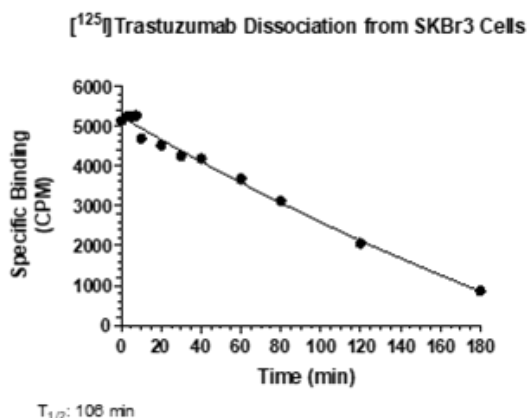


Inhibition of [³H]dopamine uptake into rat brain synaptosomes by the dopamine transport inhibitors, GBR 12909 and cocaine (left), shown in comparison with inhibition of [³H]mazindol binding (right).

Cellular Release Assay



Stimulation of ⁸⁶Rb⁺ efflux from SH-SY5Y cells by the nicotinic receptor agonists, epibatidine and nicotine.



Loss of [¹²⁵I]-labeled antibody (Trastuzumab) from live SKBr3 cells, following addition of a saturating concentration of unlabeled antibody to the medium.