

# Data Sheet

## Cellular Uptake and Release Assay Examples

### CELLULAR UPTAKE ASSAY

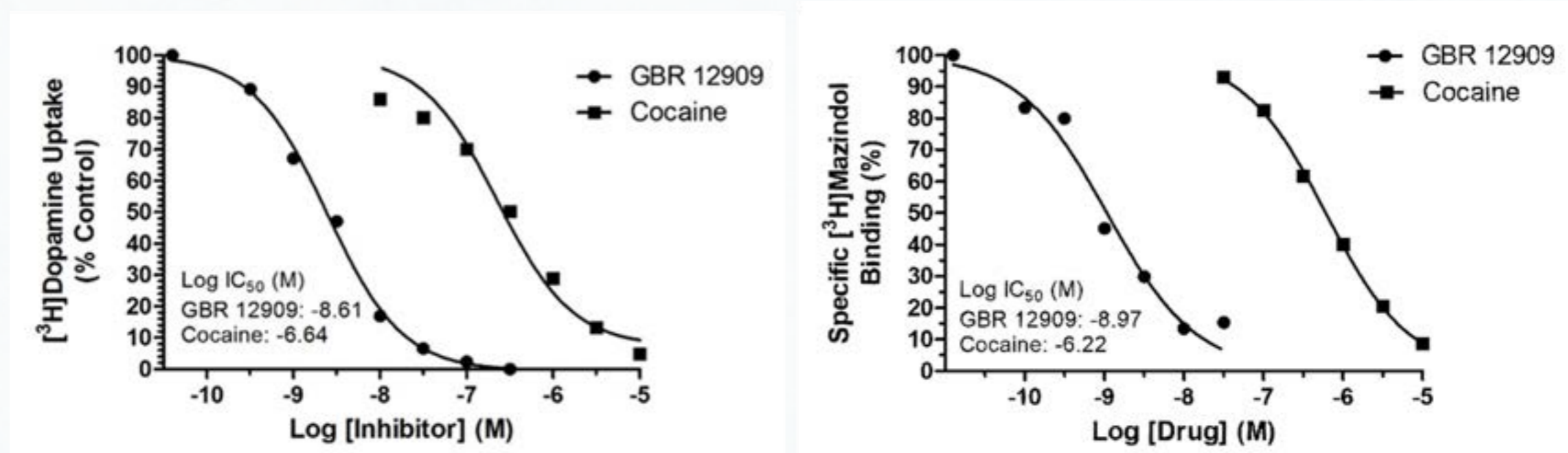


Figure 1: Inhibition of  $[^3\text{H}]$ dopamine uptake into rat brain synaptosomes by the dopamine transport inhibitors, GBR 12909 and cocaine (left), shown in comparison with inhibition of  $[^3\text{H}]$ mazindol binding (right).

### CELLULAR RELEASE ASSAY

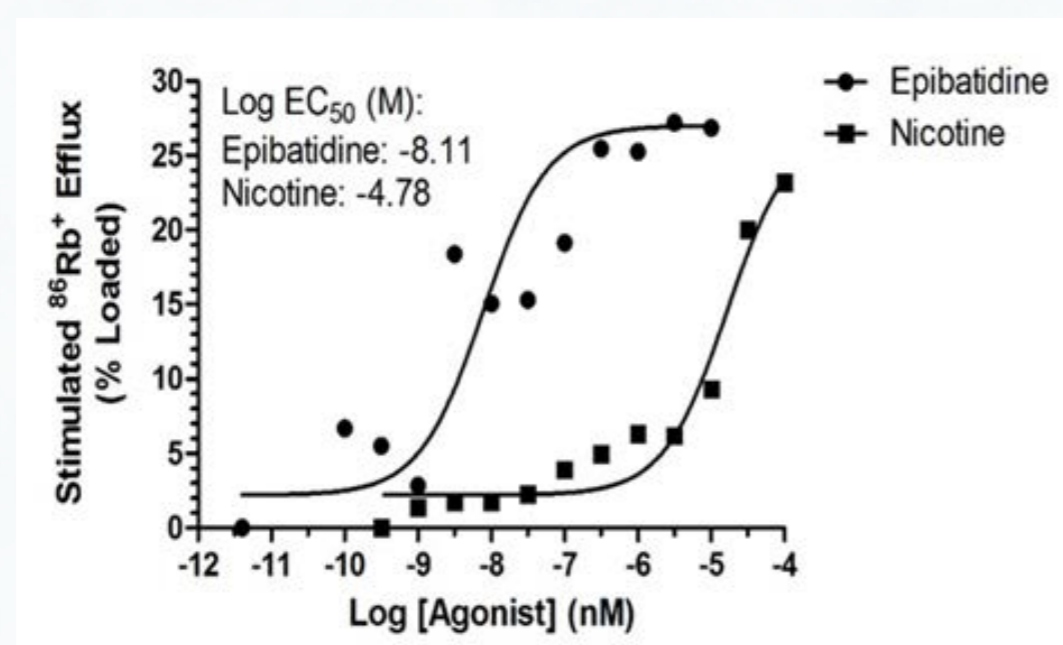


Figure 2: Stimulation of  $^{86}\text{Rb}^+$  efflux from SH-SY5Y cells by the nicotinic receptor agonists, epibatidine and nicotine.

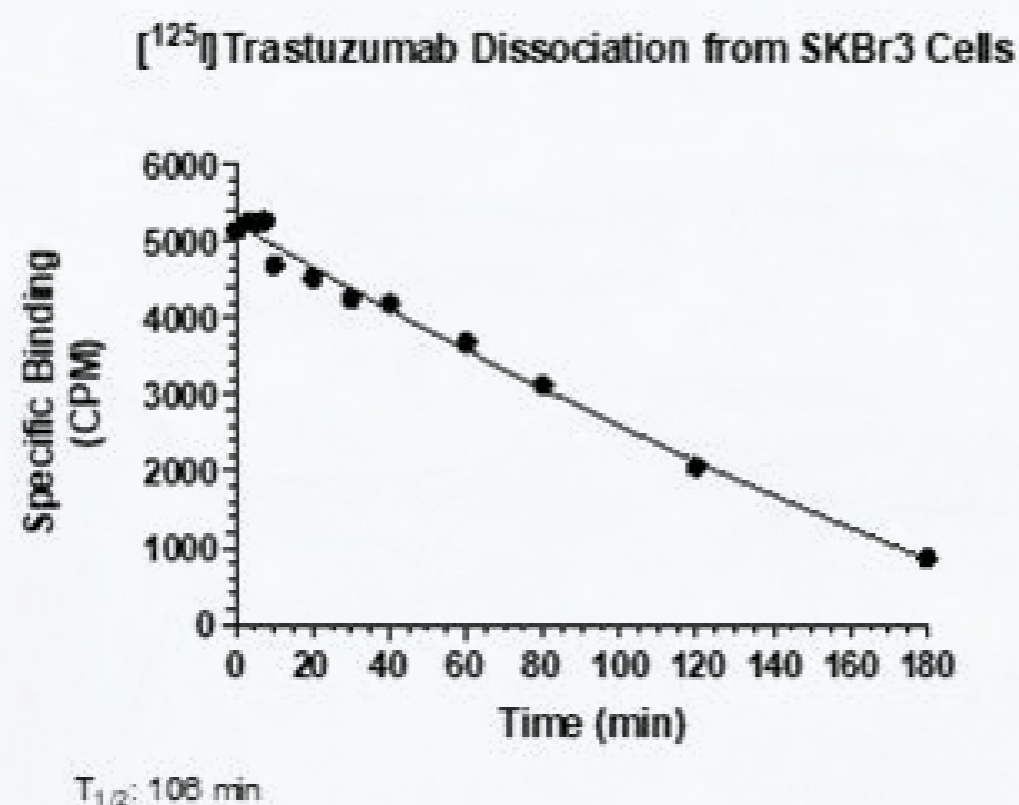


Figure 3: Loss of  $^{125}\text{I}$ -labeled antibody (Trastuzumab) from live SKBr3 cells, following addition of a saturating concentration of unlabelled antibody to the medium