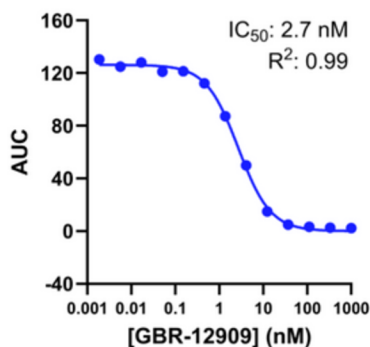


Fluorescence-based screening for SLC transporters to unlock substrate affinities, identify modulators, and de-risk your lead compounds early. Leverage safer technologies with higher-throughput in living cells, that measure real-time transport kinetics for complete compound profiling.

Over 400 SLC transporters move ions, nutrients, and metabolites across membranes. They play a big role in **ADME**, and are implicated in **cancer, metabolic disorders**, numerous **rare diseases**, and **neurodegenerative diseases**.

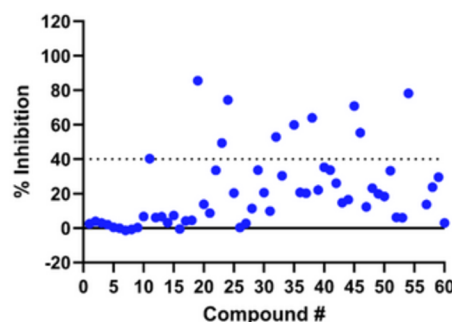
Sodium-dependent SLC Transporters

- Proprietary **Sodium-dependent SLC Transporter Assay** for identifying substrates, potentiators, and inhibitors. Can also measure the activity of electroneutral transporters.
- **Membrane Potential Assays** for electrogenic transporters
- **Neurotransmitter Uptake Assays** to identify inhibitors of the neurotransmitter receptor family (SLC6). Key targets for safety pharmacology.



DAT (SLC6A3)

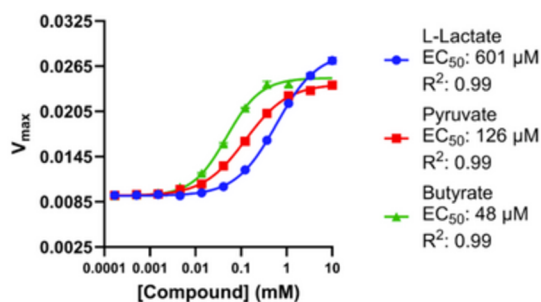
inhibition assay using the Neurotransmitter Uptake Assay



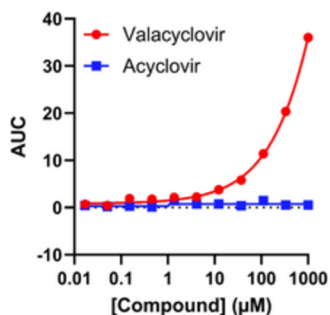
GAT1 (SLC6A1)

inhibitor screen using our Sodium-dependent SLC Transporter Assay

SMCT2 (SLC5A12)
substrate affinities profiled using our Sodium-dependent SLC Transporter Assay



PepT1 (SLC15A1)
substrate transport measured using an intracellular pH assay



Additional SLC Transporters

- **Thallium flux assays** for SLC12 transporters
- **Intracellular pH assay** for proton-coupled transporters, including SLC15 transporters



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