

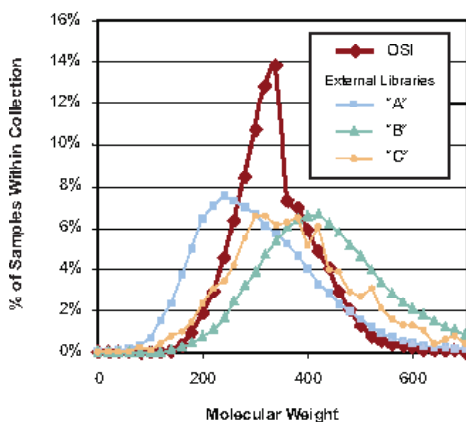
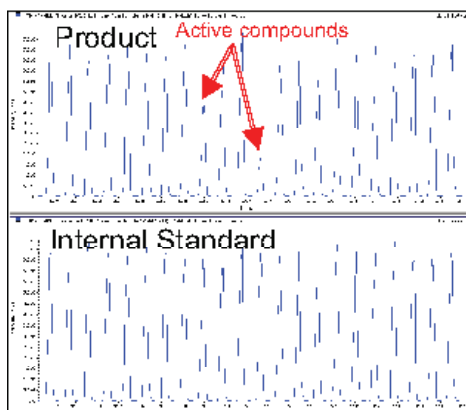
## Drug Discovery Solution



A complete drug discovery solution providing lead compounds against a wide range of targets

### Accelerate drug discovery

RapidFire® MS screening of the OSI chemical library is a fast and efficient means of accelerating drug discovery. Screening of the compound library includes IC<sub>50</sub> determinations and complete structures of active compounds. Additional services for *in vitro* ADME are also available.



*Utilize an extensive compound library and a high-throughput screening service to increase efficiency in drug discovery.*

- **Intractable targets enabled** - analyze assays not amenable to traditional screening methods
- **Native substrates screened** - label-free technology enables native detection
- **Access to extensive OSI library**- 140,000 compound chemical library
- **Screen unique compounds** - >1,000 distinct scaffolds
- **Automated screening and RapidFire analysis** - utilized successfully by top pharmaceutical and biotech companies



Automated screening and RapidFire analysis for efficient data turnaround.

### Standard Services

- **RapidFire High-throughput mass spectrometry based assay development**
- **Target screened against a library of >140,000 compounds**
  - Including general/diverse and target-class directed sub-libraries
  - >1,000 distinct scaffolds represented
  - Compound library comprised of molecules with drug-like characteristics
- **IC<sub>50</sub> Determinations**
- **Structures of active compounds delivered**

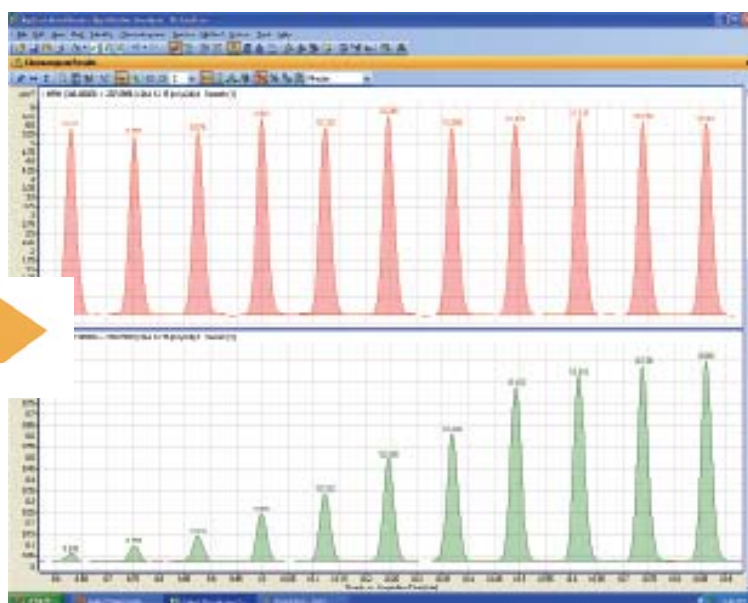
This innovative solution for early drug discovery is cost effective and enables biotechnology companies to address a wide array of new targets.

(osi) pharmaceuticals

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Unlock the value of intractable targets with the unique BIOCIUS RapidFire platform.

### Optional Services

- **Protein Production**
- **Virtual Screen**
- **In vitro ADME**
  - Solubility
  - Permeability
  - Metabolic stability
  - CYP inhibition
- **Inclusion of Customer Library**

By facilitating the screening of intractable targets, RapidFire provides our collaborators with an important competitive advantage in the search for new lead candidates. In combination with the OSI Pharmaceuticals chemical compound library, researchers can now address drug discovery faster and more efficiently than ever before.

For information on the RapidFire OSI drug discovery service, please contact [Sales@BIOCIUS.com](mailto:Sales@BIOCIUS.com)

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