

MSTI Fluorescence High-Throughput Drug Assay

Catalogue number: 153815

Sub-type: Fluorescent Probe

Images:

Contributor

Inventor:

Institute: University of Wisconsin-Milwaukee

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: MSTI Fluorescence High-Throughput Drug Assay

Alternate name:

Class:

Conjugate:

Description: This novel fluorescence-based high throughput assay allows for the detection of thiol-reactive drug candidates that are likely to irreversibly interact with biological targets. These promiscuous inhibitors can be identified rapidly, in parallel, for small molecule screening libraries using 384 or 1536 well plate formats. Testing small molecules for their ability to modulate cysteine residues of proteins in the early stages of drug discovery is expected to increase efficiency and success of ev...

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Related tools:

References

References: Nowakowski et al. 2014. Metallomics. 6(5):1068-78. PMID: 24686569. ; Native SDS-PAGE: high resolution electrophoretic separation of proteins with retention of native properties including bound metal ions.

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