

SCREEN-WELL®

Hepatotoxicity library

Essential standards for predictive toxicology
screening

The SCREEN-WELL® Hepatotoxicity Library is a focused collection of 238 compounds with defined and diverse hepatotoxicity, including steatosis, mitochondrial toxicity, Mallory body formation, cholestatic effects, and many more. A variety of structurally and mechanistically different compound classes are included, as well as nontoxic controls. The compounds are dissolved in DMSO at 10mM and aliquoted into deep-well plates. The library is an essential tool for predictive toxicology screening and assay development.

Citations: 6

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Ordering Information

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ML-2851-0100	100 µl/well - 1Library
ML-2851-0500	500 µl/well - 1Library

Manuals, SDS & CofA

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Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stable for at least one year from the date of receipt when stored at -80°C.
Handling	Avoid freeze/thaw cycles.
Long Term Storage	-80°C
Shipping	Dry Ice

Regulatory Status

RUO - Research Use Only

Product Details

Application	HTS
Concentration	DMSO solutions (10mM).
Contents	238 compounds with defined and diverse hepatotoxicity. A variety of structurally and mechanistically different compound classes, as well as nontoxic controls, are included.
Quantity	100 µl/well or 500 µl/well
Technical Info / Product Notes	<p>Application Note (Predictive Toxicology Application):</p> <p><u>Predictive High-Content/High-Throughput Assays for Hepatotoxicity Using Induced Pluripotent Stem Cell (iPSC)-Derived Hepatocytes.</u></p> <p><u>Three Dimensional Hepatotoxicity Screening using Corning® HepatoCells, the Spheroid Microplate, and the SCREEN-WELL® Hepatotoxicity Library.</u></p>

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