

Inhibitors, Agonists, Screening Libraries

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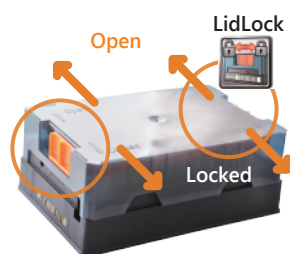
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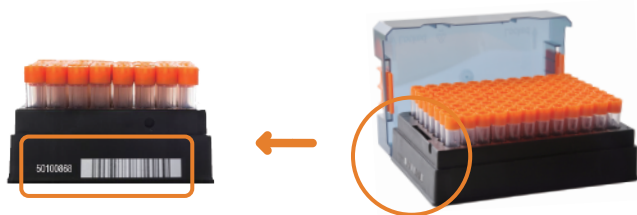
Compound Screening Library Handling Instructions

Recognize Me!

96-Well Format Racks for Sample Storage Tubes



Our sample rack uses a *LidLock* lever to secure the top of the rack. The *LidLock* can prevent the tubes in racks from falling out if the rack is inverted or dropped. Simply push the *LidLock* in the desired direction as marked by the arrows to open or lock the rack.



RackCode

Each 96 sample-rack has a "RackCode" linear barcode located on the side which can be used to easily distinguish different racks.

VialCode

Compounds can be identified quickly by scanning the 2D barcode with an HD barcode scanner. Each 96-well format sample storage tube contains a "VialCode" 2D barcode located on the base of the vial. Using the 2D barcode, you can look up the corresponding compound information for the vial in electronic files or the provided hard copy.



Compound Technical Documents:

Each compound library is shipped with a flash drive containing an **Excel** file that describes the detailed information of compounds in your library. The disk also contains the **SDF**, **COA** for every compound, this general **handling instructions** and **compound layout** for each screening library.

The **Excel** file details the following information:

RackCode, Cat. No., Product Name, Plate Location, VialCode, CAS No., M.Wt, Target, Saltdata, Information, Smiles, Solubility, Method of Analysis, Batch No., Quantity, URL and Pathway.

Chemical structure information for each compound is contained in the relevant **SDF** files.

If you have any questions, please contact our technical support via Email at: tech@MedChemExpress.com.

Frequently Asked Questions:

1 Can we centrifuge the whole rack?

Yes. It is advised to centrifuge all of the samples before experimental use. This can prevent the compound from adhering to the tube wall or even the tube gap and can reduce experimental error.

2 How can I use the 2D barcode on the bottom of vial?

Use an HD barcode scanner to scan the barcode, and then find the corresponding compound information in the Excel or the provided hard copy.

3 How do I dissolve my compounds (dry solid)?

Add the relevant solvent (DMSO, Ethanol etc.) specified by your ordered format (100 μ L or 250 μ L) and dilute the solution to a concentration of 10 mM.

4 What are the appropriate compound storage conditions?

For dry solid compounds, store at 4°C.

For solutions, store at -80°C.

For some special compounds, specific handling instructions are provided.

5 After receiving the compound library, the ice box has melted, will this affect the efficacy of the compound?

MCE products are primarily chemical synthesis products which are not temperature sensitive. The ice boxes inside of the packages are used to prevent the occurrence of extreme temperatures during the process of transportation, and a melted icebox will not affect the reagent quality. After transit, the icebox is no longer needed.