

## Selected Impurities Library

Catalog No: #L5800

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## Description

Product Name	Selected Impurities Library
Brief Description	<p>Scientists already found that the isomers or metabolites of many existing drugs show biological activity. For example, Levopropoxyphene is an antitussive, approved by FDA, but its enantiomer, Dextropropoxyphene, has an analgesic effect; L-sotalol is an alpha-blocker while d-sotalol is antiarrhythmic. Currently, knowledge of isomerism has helped us in introducing safer and more effective drug alternatives of the newer as well as existing drugs. These compounds that have rich pharmacological evaluation data are ideal as entry point for drug repurposing.</p> <p>The SABs Selected drug metabolites/isomers Library, a unique collection of 200 drug isomers/metabolites with a great diversity, can be used for drug screening</p>
Storage	<p>Powder or pre-dissolved DMSO solutions in 96 well plate with optional 2D barcode Shipped with dry ice;</p> <p>Stable for One year as powder, 6 months at -20 °C in DMSO or 12 months at -80 °C in DMSO</p>

## Application Details

Number of Compounds: 200

## Product Description

A unique collection of 200 drug isomers/metabolites for high throughput screening (HTS) and high content screening (HCS); Safety and effectiveness of the small molecules have been demonstrated through preclinical and clinical research; Structurally diverse, medically active, and cell permeable; Detailed compound information with structure, target, activity, IC<sub>50</sub> value, and biological activity description; NMR and HPLC/LCMS validated to ensure high purity and quality

Note: This product is for in vitro research use only