

Description

Product Name	Natural Compound Library
Brief Description	<p>Natural products are an unsurpassed source of chemical diversity and an ideal starting point for any screening program for pharmacologically active small molecules. Historically, natural products have been the most successful source of new drugs. From 1981 to date, 79 (80%) out of 99 small molecule anticancer drugs are natural product-based/inspired, with 53 (53%) being either natural products or derived therefrom. Natural products have been proven to be successful modulators of difficult targets such as a range of antibacterial targets and, especially, protein-protein interactions. Furthermore, many researchers consider natural products and their derivatives as a privileged tools for the study and manipulation of protein function.</p> <p>The SABs Natural Product Monomers (HTS) Library, a unique collection of 1680 natural products with known bioactivity, wide source, and high cost effectiveness, is a powerful tool for drug discovery, pharmacological study, and stem cell differentiation, etc</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: 1680

Product Description

A unique collection of 1680 pure natural products and their derivatives with known biological activity for drug discovery, pharmacological study, and stem cell differentiation, and can be used for high throughput screening (HTS) and high content screening (HCS); All products with known biological activity: Documentation with clear source: isolated natural products from plant, animal, microorganism, etc. Structurally diverse: 1680 natural products, including more than 30 types of chemicals, such as alkaloids, limonoids, sesquiterpenes, diterpenes, pentacyclic triterpenes, sterols, and many other diverse representatives which provide the structural diversity inherent in this group; Detailed compound information with structure, solubility, target, activity, IC50 value, and biological activity description; Cost-effective and competitive price to save your findings

Note: This product is for in vitro research use only