

## Anti-cancer approved drug library

Catalog No: #L2110

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Anti-cancer approved drug library
Brief Description	<p>During the past decades, we have witnessed many landmark discoveries and successes in cancer research and therapy, however, cancer is still a major health problem for human beings, and it often physically and emotionally brings pains and difficulties to those living with it. Cancer cells remain undifferentiated (continue to divide, causing more damage, and invading new tissue), lack normal cell signaling responses (loss of contact inhibition and evasion of programmed cell death), contain abnormal changes (genetic abnormalities) in chromatin, have altered energy metabolism, and induce vascularization (ensure a steady supply of oxygen and nutrients).</p> <p>We carefully select 313 approved anti-cancer drugs based on published literatures and database to form this collection that can be used as positive controls in biological cancer investigation and cancer correlation study</p>
Storage	<p>Powder or pre-dissolved DMSO solutions in 96 well plate with optional 2D barcode Shipped with blue ice;</p> <p>Stable for One year as powder, 6 months at - 20 ° C in DMSO or 12months at -80 ° C in DMSO</p>

## Application Details

Number of Compounds: 313

## Product Description

A unique collection of 313 approved anti-cancer drugs for high throughput screening (HTS) and high content screening (HCS); These FDA, EMA, or CFDA approved anti-cancer drugs have annotated bioactivity, safety, and bioavailability; Effective tool for cancer research and drug repurposing screening; Covers various major targets including PI3K, HDAC, mTOR, CDK, Aurora Kinase, JAK, etc., in lung cancer, breast cancer, leukemia, lymphoma, etc. Detailed compound information with structure, target, activity, IC50 value, and biological activity description; Structurally diverse, medicinally active, and cell permeable; NMR and HPLC validated to ensure high purity and quality;

Note: This product is for in vitro research use only