

Anti-cancer Active Compound library

Catalog No: #L2160

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Description

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| Product Name | Anti-cancer Active Compound 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 1081 compounds with known anti-tumor activity as Anticancer Active Compound Library that can be used for tumor-related research and anti-tumor drug screening</p> |
| Storage | Powder or pre-dissolved DMSO solutions in 96 well plate with optional 2D barcode Shipped with dry ice |

Application Details

Number of Compounds: 1081

Product Description

A unique collection of 1081 compounds with known anti-cancer activity for high throughput screening (HTS) and high content screening (HCS); Effective tool for molecular mechanism of tumorigenesis, and anti-tumor drug screening; Covers various major targets including PI3K, HDAC, mTOR, CDK, Aurora Kinase, JAK, 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