

## DNA Damage &amp; Repair Compound Library

Catalog No: #L3900

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## Description

Product Name	DNA Damage & Repair Compound Library
Brief Description	<p>A significant barrier to effective cancer therapy is the development of resistance to the drugs utilized, therefore, identifying new biological targets and designing new drugs becomes one of the most important strategies. Among the various potential targets, DNA damage and repair system in cancer cells is one of the most pivotal targets. The use of unspecific antibiotics to treat bacterial infections has caused a great deal of multiple resistant strains making less effective the current therapies with antibiotics. Developing inhibitors of DNA repair and related pathways in pathogens will have utility in the treatment of infections.</p> <p>The SABs DNA Damage &amp; Repair Compound Library, a unique collection of 475 DNA Damage &amp; Repair related compounds, can be used for research in DNA damage and repair, and high throughput screening (HTS) and high content screening (HCS).</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 12 months at -80 °C in DMSO</p>

## Application Details

Number of Compounds: 475

## Product Description

A unique collection of 475 DNA Damage & Repair related compounds for high throughput screening (HTS) and high content screening (HCS); Targets include HDAC, DNA/RNA synthesis, Topoisomerase, etc.; Safety and effectiveness of the small molecules have been demonstrated through preclinical and clinical research; 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