# Data Sheet (Cat.No.L2100)

TargetMol®
A DRUG SCREENING EXPERT

## Anti-Cancer Compound Library

### Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

### Biological Description

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|---|---|
| Description | 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).<br><br>We carefully select xnum compounds with anti-tumor activity based on different characteristics and abnormal metabolism with cancer cells. All of these compounds are the small molecules modulating the metabolism, growth, invasion, and metastasis of tumor cells that can be used for tumor-related research and anti-tumor drug screening. |

Reference

Nature Communications. 2023, 14(1): 3445.<br/>Nature Communications. 2022, 13(1): 1-15..<br/>Nature Communications. 2023, 14(1): 1020..<br/>Nature Communications. 2023, 14(1): 2756..<br/>Blood. 2021, 137(11):



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