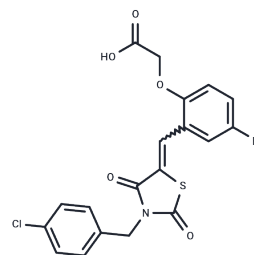


DT204

## Chemical Properties

CAS No. : 428497-71-6  
 Formula: C<sub>19</sub>H<sub>13</sub>BrClNO<sub>5</sub>S  
 Molecular Weight: 482.73  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



## Biological Description

|               |   |
|---------------|---|
| Description   | DT204 is an SCFSkp2 inhibitor that reduces the binding of Skp2 to Cullin-1 and Commd1. It can be used to study multiple myeloma.  |
| Targets(IC50) | E1/E2/E3 Enzyme   |
| In vivo       | By injecting DT204 (10 mg/kg) +BTZ (0.5 mg/kg) into a mouse model through a tail vein, both were found to synergistically inhibit the growth of xenograft tumors in vivo. [1] |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.0716 mL | 10.3578 mL | 20.7155 mL |
| 5 mM  | 0.4143 mL | 2.0716 mL  | 4.1431 mL  |
| 10 mM | 0.2072 mL | 1.0358 mL  | 2.0716 mL  |
| 50 mM | 0.0414 mL | 0.2072 mL  | 0.4143 mL  |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Malek E, et al. Pharmacogenomics and chemical library screens reveal a novel SCFSKP2 inhibitor that overcomes Bortezomib resistance in multiple myeloma. *Leukemia*. 2017 Mar;31(3):645-653.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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