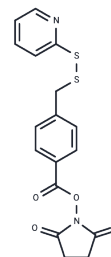


4-Succinimidyl-oxycarbonyl- $\alpha$ -(2-pyridyldithio)toluene

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 160854-54-6   |
| Formula:          | C <sub>17</sub> H <sub>14</sub> N <sub>2</sub> O <sub>4</sub> S <sub>2</sub>  |
| Molecular Weight: | 374.43  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |  |
|---------------|--|
| Description   | 4-Succinimidyl-oxycarbonyl- $\alpha$ -(2-pyridyldithio)toluene is a non-cleavable linker used in the synthesis of antibody-drug conjugates (ADCs). |
| Targets(IC50) | ADC Linker   |
| In vitro      | Antibody-drug conjugates (ADCs) consist of an antibody linked to a cytotoxic agent via an ADC linker[1].   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.6707 mL | 13.3536 mL | 26.7073 mL |
| 5 mM  | 0.5341 mL | 2.6707 mL  | 5.3415 mL  |
| 10 mM | 0.2671 mL | 1.3354 mL  | 2.6707 mL  |
| 50 mM | 0.0534 mL | 0.2671 mL  | 0.5341 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

Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

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