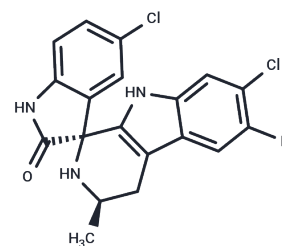


## NITD-609 Enantiomer

### Chemical Properties

CAS No. : 1193314-24-7  
Formula: C<sub>19</sub>H<sub>14</sub>Cl<sub>2</sub>FN<sub>3</sub>O  
Molecular Weight: 390.24  
Appearance: no data available  
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



### Biological Description

|               |                                                                                                        |
|---------------|--------------------------------------------------------------------------------------------------------|
| Description   | NITD-609 Enantiomer is an enantiomer of NITD-609 which is a spironone drug with antimalarial activity. |
| Targets(IC50) | Others                                                                                                 |

### Solubility Information

|            |                                                                                               |
|------------|-----------------------------------------------------------------------------------------------|
| Solubility | DMSO: 3.9 mg/mL (10 mM)<br>( $< 1$ mg/ml refers to the product slightly soluble or insoluble) |
|------------|-----------------------------------------------------------------------------------------------|

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.5625 mL | 12.8126 mL | 25.6253 mL |
| 5 mM  | 0.5125 mL | 2.5625 mL  | 5.1251 mL  |
| 10 mM | 0.2563 mL | 1.2813 mL  | 2.5625 mL  |
| 50 mM | 0.0513 mL | 0.2563 mL  | 0.5125 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.

### Reference

Turner H. Spiroindolone NITD609 is a novel antimalarial drug that targets the P-type ATPase PfATP4. Future Med Chem. 2016;8(2):227-38.

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