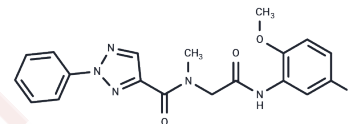


TCMDC-125457

Chemical Properties

CAS No. : 872113-12-7
 Formula: C₁₉H₁₈ClN₅O₃
 Molecular Weight: 399.83
 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 | TCMDC-125457 can effectively induce calcium redistribution, but has little effect on inhibiting heme crystallization. When TCMDC-125457 is combined with artesunate, it can effectively treat tightly synchronized artemisinin-resistant ring-stage parasites. |
| Targets(IC50) | Others,Parasite |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.5011 mL | 12.5053 mL | 25.0106 mL |
| 5 mM | 0.5002 mL | 2.5011 mL | 5.0021 mL |
| 10 mM | 0.2501 mL | 1.2505 mL | 2.5011 mL |
| 50 mM | 0.050 mL | 0.2501 mL | 0.5002 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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