

PKR-IN-1

## Chemical Properties

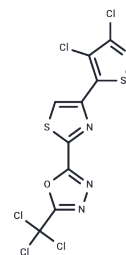
CAS No. : 3057531-75-3

Formula: C<sub>9</sub>HCl<sub>5</sub>N<sub>4</sub>O<sub>2</sub>S

Molecular Weight: 422.525

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                | PKR-IN-1 (Compound 5s) is a pyruvate kinase (PK) inhibitor with antifungal properties, exhibiting an EC <sub>50</sub> of 0.21 µg/mL against Rhizoctonia solani (R. solani). |
| Targets(IC <sub>50</sub> ) | Antifungal,PKM                                                                                                                                                              |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg      |
|-------|-----------|------------|-----------|
| 1 mM  | 2.3667 mL | 11.8335 mL | 23.667 mL |
| 5 mM  | 0.4733 mL | 2.3667 mL  | 4.7334 mL |
| 10 mM | 0.2367 mL | 1.1833 mL  | 2.3667 mL |
| 50 mM | 0.0473 mL | 0.2367 mL  | 0.4733 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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