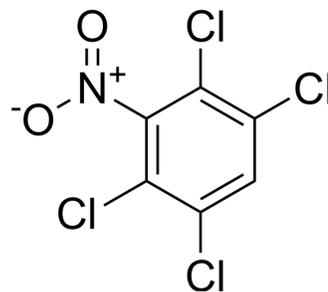


## Tecnazene

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-121935   |
| CAS No.:           | 117-18-0  |
| Molecular Formula: | C <sub>6</sub> HCl <sub>4</sub> NO <sub>2</sub>   |
| Molecular Weight:  | 261   |
| Target:            | Fungal  |
| Pathway:           | Anti-infection  |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 250 mg/mL (957.85 mM; Need ultrasonic)

| Concentration             | Solvent | Mass      |            |            |
|---------------------------|---------|-----------|------------|------------|
|                           |         | 1 mg      | 5 mg       | 10 mg      |
| Preparing Stock Solutions | 1 mM    | 3.8314 mL | 19.1571 mL | 38.3142 mL |
|                           | 5 mM    | 0.7663 mL | 3.8314 mL  | 7.6628 mL  |
|                           | 10 mM   | 0.3831 mL | 1.9157 mL  | 3.8314 mL  |

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Tecnazene (2,3,5,6-Tetrachloronitrobenzene) is a fungicide and is used as a sprout inhibitor on stored potatoes<sup>[1]</sup>.

### REFERENCES

[1]. Lappin GJ, et al. Metabolism of 2,3,5,6-tetrachloronitrobenzene (tecnazene) in rat. *Xenobiotica*. 1996 Jan;26(1):65-77.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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