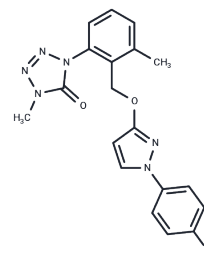


## Metyltetraprole

## Chemical Properties

CAS No. :	1472649-01-6
Formula:	C <sub>19</sub> H <sub>17</sub> ClN <sub>6</sub> O <sub>2</sub>
Molecular Weight:	396.83
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	Metyltetraprole is a potent fungicide that demonstrates promising efficacy against sensitive wild-type and G143A mutant strains of <i>Zymoseptoria tritici</i> , as indicated by its low EC <sub>50</sub> values of 0.002 ppm. Additionally, this compound exhibits effectiveness against QoI-resistant strains. Metyltetraprole functions by inhibiting the respiratory chain through complex III [1] [2].
Targets(IC50)	Others,Mitochondrial Metabolism,Antifungal

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.520 mL	12.5999 mL	25.1997 mL
5 mM	0.504 mL	2.520 mL	5.0399 mL
10 mM	0.252 mL	1.260 mL	2.520 mL
50 mM	0.0504 mL	0.252 mL	0.504 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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