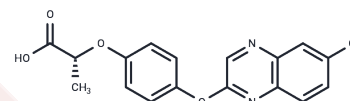


## Quizalofop-P

## Chemical Properties

CAS No. :	94051-08-8
Formula:	C <sub>17</sub> H <sub>13</sub> ClN <sub>2</sub> O <sub>4</sub>
Molecular Weight:	344.75
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	Quizalofop-P, a selective herbicide, is absorbed by weed stems and leaves before translocating both upward and downward within the plant, concentrating in apical and intercalary meristems. It inhibits fatty acid synthesis at the cellular level, leading to weed necrosis, and exhibits high selectivity between grass weeds and dicotyledonous crops [1].
Targets(IC50)	Acetyl-CoA Carboxylase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9007 mL	14.5033 mL	29.0065 mL
5 mM	0.5801 mL	2.9007 mL	5.8013 mL
10 mM	0.2901 mL	1.4503 mL	2.9007 mL
50 mM	0.058 mL	0.2901 mL	0.5801 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.

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