

## Malachite green-D5 oxalate

### Chemical Properties

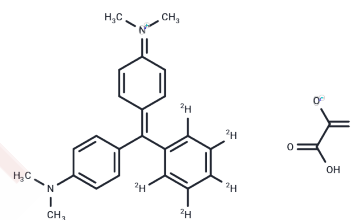
CAS No. :

Formula: C<sub>25</sub>H<sub>21</sub>D<sub>5</sub>N<sub>2</sub>O<sub>4</sub>

Molecular Weight: 423.52

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

Malachite green-D5 oxalate is a deuterated compound of Malachite green oxalate. Malachite green oxalate (TD0099) has a CAS number of 2437-29-8. Malachite green oxalate (TD0099) is a triphenylmethane dye which can be used to detect the release of phosphate in enzymatic reactions.

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3612 mL	11.8058 mL	23.6116 mL
5 mM	0.4722 mL	2.3612 mL	4.7223 mL
10 mM	0.2361 mL	1.1806 mL	2.3612 mL
50 mM	0.0472 mL	0.2361 mL	0.4722 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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