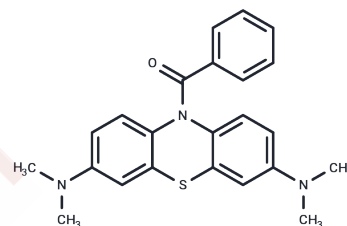


## Benzoyl Leuco Methylene Blue

## Chemical Properties

CAS No. : 1249-97-4  
 Formula: C<sub>23</sub>H<sub>23</sub>N<sub>3</sub>O<sub>5</sub>  
 Molecular Weight: 389.52  
 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** Benzoyl Leuco Methylene Blue, with CAS No. 1249-97-4, is a fragment molecule that serves as an important scaffold for molecular linking, expansion, and modification. Benzoyl Leuco Methylene Blue provides a structural basis and research tool for the design and screening of novel drug candidates, and is commonly used in drug discovery, drug synthesis, and related research.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5673 mL	12.8363 mL	25.6726 mL
5 mM	0.5135 mL	2.5673 mL	5.1345 mL
10 mM	0.2567 mL	1.2836 mL	2.5673 mL
50 mM	0.0513 mL	0.2567 mL	0.5135 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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