

Crystal Violet

Catalog No: tcsc2365



Available Sizes

Size: 5g

Size: 10g



Specifications

CAS No:

548-62-9

Formula:

$C_{25}H_{30}ClN_3$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 100 mg/mL (245.11 mM); H₂O : 5 mg/mL (12.26 mM; Need ultrasonic)

Alternative Names:

Basic Violet 3;Gentian Violet;Methyl Violet 10B

Observed Molecular Weight:

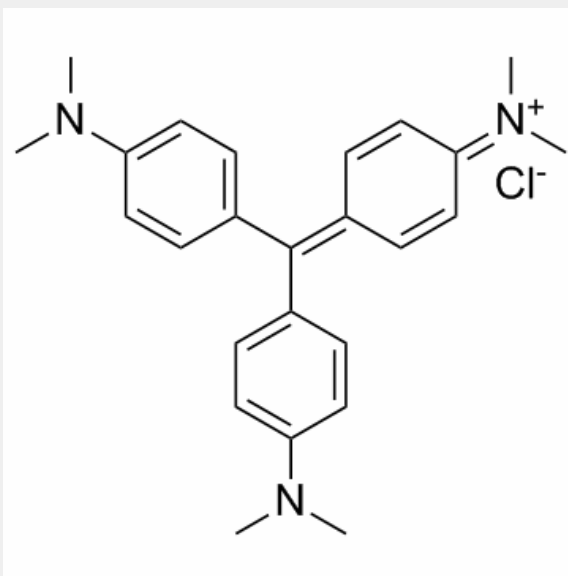
407.98

Product Description

Crystal violet is a triarylmethane dye.

Target: Others

Crystal Violet is a component of Gram staining that allows one to recognize the difference between gram-positive and gram-negative bacteria with differential staining. The compound helps to access bacterial contamination of tissue culture samples. The staining response is due to the difference in the chemical and structural composition of the cell walls in different bacteria. Crystal Violet can also be used to test the different species of archaea and the cytostatic/cytotoxic effects on tumor cell lines [1-3].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!