

EB Eraser

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Keep away from direct sunlight
Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

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| Description | The strong EB detoxification agent is specially designed to remove the contaminated product of Ethidium bromide (EB). It can effectively destroy the structure of EB, remove the carcinogenicity of EB, so as to achieve the purpose of cleaning EB pollution. It is suitable for removing EB contamination on electrophoresis buffer, biochemical solution and solid surface (such as laboratory bench, centrifuge, glassware, stainless steel products, etc.). Using strong EB disinfectant to treat EB pollutants and then discard them can protect the environment from EB pollutants. |
| In vitro | Clean up contaminated solution (100 ml EB contaminated solution) Dilute contaminated solutions to meet the required concentration (≤ 0.5 mg/ml). In the fume hood, dilute 2 ml solution A to the final volume of 20 ml with deionized water, and dissolve 0.42 g of disinfectant B in water and fix the volume to 12 ml. Add solution A and disinfectant B working solution to 100 ml EB contaminated solution, stir and mix carefully ($\text{pH} \leq 3$). After 24 hours of reaction at room temperature, the pH of contaminated solution was adjusted to 5-9 with sodium bicarbonate. A large amount of water is used to wash the reactants into the water tank. |

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