
Dihydroethidium (Hydroethidine)

Cat #:BMD00001

Lot #: Refer to product label

Dihydroethidium (Hydroethidine) is the reduction form of commonly used DNA dye-ethidium bromide.

Product Information

Product name Dihydroethidium (Hydroethidine)

Specification

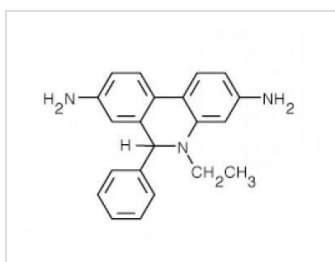


Fig. Dihydroethidium (Hydroethidine) structure formula

Product Properties

Storage instructions Store at -20°C. The product can be stored for up to 12 months. Protect from light.

Shipping Gel pack with blue ice.

Precautions The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.

Additional Information

Background The superoxide indicator dihydroethidium, also called hydroethidine, is the reduction form of commonly used DNA dye-ethidium bromide. It can be used to detect the inside living cells oxidation activity and detect phagocytes outbreak of "breathing". It exhibits blue-fluorescence in the cytosol until oxidized, where it intercalates within the cell's DNA, staining its nucleus a bright fluorescent red.

Alternative names DHE

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