
Ethidium Homodimer-1 (EthD-1)

Cat #:BMD00060

Lot #: Refer to product label

Ethidium Homodimer, is a high affinity fluorescent nucleic acid stain.

Product Information

Product name Ethidium Homodimer-1 (EthD-1)

Specification

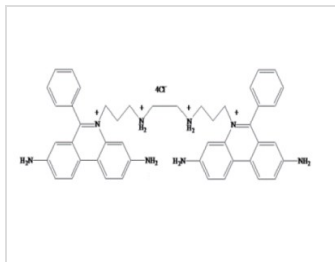


Fig. Ethidium Homodimer-1 (EthD-1) structure formula

Product Properties

Storage instructions	Store at 4°C and protect from light. Product is stable for at least 12 months from date of receipt if stored as recommended.
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 Ethidium Homodimer, is a high affinity fluorescent nucleic acid stain. It binds to both DNA and RNA in a sequence-independent manner and with a >30-fold fluorescence enhancement. The DNA binding of each Ethidium Homodimer covers four base pairs and is believed to occur by intercalation. Because the dye is highly positively charged, it can not cross cell membranes to stain living cells. However, it is very useful to detect nucleic acids in solution, or cells with disintegrated cell membranes.

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