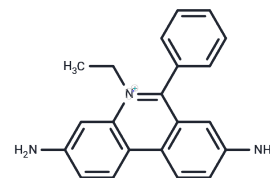


Homidium Cl

Chemical Properties

CAS No. :	602-52-8
Formula:	C ₂₁ H ₂₀ ClN ₃
Molecular Weight:	349.862
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	Homidium Chloride is the chloride salt of ethidium (a fluorochrome), Ethidium Chloride intercalates within double-stranded nucleic acids, particularly DNA. In molecular biology, the bromide salt of ethidium is used to detect and visualize DNA after electrophoresis or in cytochemical preparations. In veterinary pharmacology, it is used as a trypanosomicide. Ethidium bromide and chloride are toxic substances and potent noncompetitive antagonists of the nicotinic acetylcholine receptor.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8583 mL	14.2914 mL	28.5829 mL
5 mM	0.5717 mL	2.8583 mL	5.7166 mL
10 mM	0.2858 mL	1.4291 mL	2.8583 mL
50 mM	0.0572 mL	0.2858 mL	0.5717 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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