

## EthD-III

## Chemical Properties

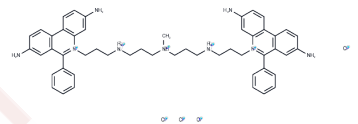
CAS No. :

Formula: C<sub>51</sub>H<sub>62</sub>Cl<sub>5</sub>N<sub>9</sub>

Molecular Weight: 978.36

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	EthD-III, a nucleic acid probe, is a red fluorescent stain utilized for identifying dead cells. This compound penetrates cells with compromised membranes to bind to nucleic acids, thereby emitting bright red fluorescence specifically in dead cells (Ex/Em=530/645 nm) [1] [2].
Targets(IC50)	Others, Autophagy

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0221 mL	5.1106 mL	10.2212 mL
5 mM	0.2044 mL	1.0221 mL	2.0442 mL
10 mM	0.1022 mL	0.5111 mL	1.0221 mL
50 mM	0.0204 mL	0.1022 mL	0.2044 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481