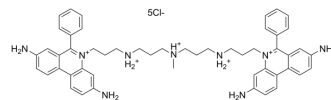


EthD-III

Cat. No.:	HY-D1723
Molecular Formula:	C ₅₁ H ₆₂ Cl ₅ N ₉
Molecular Weight:	978.36
Target:	DNA Stain
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

EthD-III is a nucleic acid probe. EthD-III is a red fluorescent stain that can be used to detect dead cells. EthD-III enters cells with damaged membranes and binds to nucleic acids, resulting in bright red fluorescence in dead cells (Ex/Em=530/645 nm) [1][2].

REFERENCES

[1]. Anastassov I, et al. Cytoprotection by endogenous zinc in the vertebrate retina. *J Neurochem.* 2014 Apr;129(2):249-55.

[2]. Horie T, et al. OmpA-Like Proteins of *Porphyromonas gingivalis* Mediate Resistance to the Antimicrobial Peptide LL-37. *J Pathog.* 2018 Dec 27;2018:2068435.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA