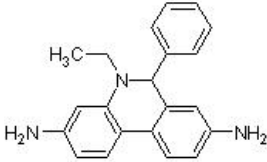


Product datasheet

Dihydroethidium (DHE), Blue fluorescent dye ab145360

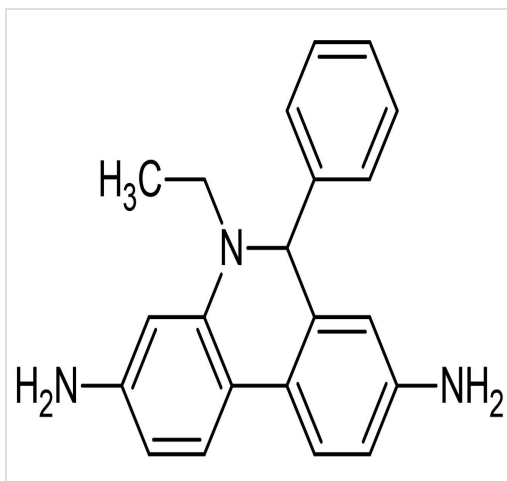
[5 References](#) [1 Image](#)

Overview

| | |
|---------------------------|--|
| Product name | Dihydroethidium (DHE), Blue fluorescent dye |
| Description | Cell-permeable blue fluorescent dye. Redox indicator. |
| CAS Number | 104821-25-2 |
| Chemical structure |  |

Properties

| | |
|-----------------------------|---|
| Excitation | 392nm |
| Emission | 410nm |
| Chemical name | 5-Ethyl-6-phenyl-6 <i>H</i> -phenanthridine-3,8-diamine |
| Molecular weight | 315.41 |
| PubChem identifier | 128682 |
| Storage instructions | Shipped at 4°C. Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months. |
| Solubility overview | Soluble in DMSO to 100 mM |
| Handling | <p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p> |
| SMILES | <chem>CCN1C(C2=C(C=CC(=C2)N)C3=C1C=C(C=C3)N)C4=CC=CC=C4</chem> |
| Source | Synthetic |



Chemical Structure - Dihydroethidium (DHE), Blue fluorescent dye (ab145360)

2D chemical structure image of ab145360, Dihydroethidium (DHE), Blue fluorescent dye

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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