

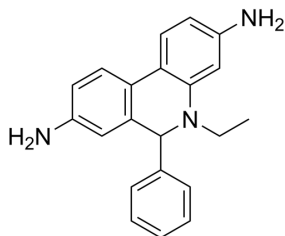
## Dihydroethidium

Cat. No.: HY-D0079  
CAS No.: 104821-25-2  
Batch No.: 384652  
Chemical Name: 3,8-Phenanthridinediamine, 5-ethyl-5,6-dihydro-6-phenyl-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>21</sub>H<sub>21</sub>N<sub>3</sub>  
Molecular Weight: 315.41  
Storage: 4°C, protect from light  
\* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: Pale purple to purple (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (HPLC): 97.83%  
Conclusion: The product has been tested and complies with the given specifications.

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

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