

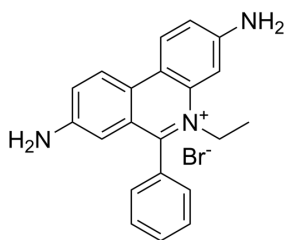
## Ethidium (bromide)

|                |  |
|----------------|--|
| Cat. No.:      | HY-D0021   |
| CAS No.:       | 1239-45-8  |
| Batch No.:     | 257473   |
| Chemical Name: | Phenanthridinium, 3,8-diamino-5-ethyl-6-phenyl-, bromide (1:1) |

### PHYSICAL AND CHEMICAL PROPERTIES

|                    |  |
|--------------------|--|
| Molecular Formula: | C <sub>21</sub> H <sub>20</sub> BrN <sub>3</sub>   |
| Molecular Weight:  | 394.31   |
| Storage:           | 4°C, sealed storage, away from moisture and light<br>* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light) |

### Chemical Structure:



### ANALYTICAL DATA

|                              |   |
|------------------------------|---|
| Appearance:                  | Brown to reddish brown (Solid)  |
| <sup>1</sup> H NMR Spectrum: | Consistent with structure   |
| LCMS:                        | Consistent with structure   |
| Purity (LCMS):               | 99.85%  |
| 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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

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