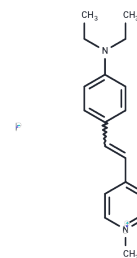


## 4-Di-2-ASP

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 105802-46-8   |
| Formula:          | C <sub>18</sub> H <sub>23</sub> IN <sub>2</sub>   |
| Molecular Weight: | 394.29  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |   |
|---------------|---|
| Description   | 4-Di-2-ASP, a styryl pyridinium fluorescent dye, serves as an essential mitochondrial marker. It effectively and specifically labels pulmonary NEBs (neuroepithelial bodies) [1]. |
| Targets(IC50) | Others  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 2.5362 mL | 12.681 mL | 25.362 mL |
| 5 mM  | 0.5072 mL | 2.5362 mL | 5.0724 mL |
| 10 mM | 0.2536 mL | 1.2681 mL | 2.5362 mL |
| 50 mM | 0.0507 mL | 0.2536 mL | 0.5072 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