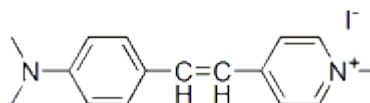


## PRODUCT AND SAFETY DATA SHEET

**PRODUCT NAME:** 4-(4-(Dimethylamino)-styryl)-N-methylpyridinium iodide  
(4-Di-1-ASP)

**CATALOG NUMBER:** 70006

**MOLECULAR INFORMATION:** C<sub>16</sub>H<sub>19</sub>IN<sub>2</sub>  
Mwt: 366.2  
[68971-03-9]

**PROPERTIES:****Color & Form**

Red Solid

**Solubility**

Soluble in DMF and DMSO

 $\lambda_{ex}/\lambda_{em}$ 

474/606 nm (MeOH)

**STORAGE AND HANDLING:**

Store at 4 °C and protect from light, especially when in solution.

**APPLICATION:**4-Di-1-ASP is a styryl dye stains mitochondria of live cells. It has also been used to stain glioma cells in living brain tissues.<sup>1</sup>Ref.: 1) *BioTechniques*, doi:10.2144/000113940**TOXICITY:**

Unknown

**FIRST AID:**

Potentially harmful. Avoid prolonged or repeated exposure. Avoid getting in eyes, on skin, or on clothing. Wash thoroughly after handling. If eye or skin contact occurs, wash affected areas with plenty of water for 15 minutes and seek medical advice. In case of inhaling or swallowing, move individual to fresh air and seek medical advice immediately.

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