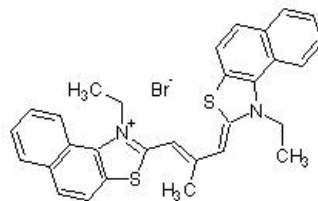


# Stains-All, cationic carbocyanine dye ab146278

1 Image

### Overview

<b>Product name</b>	Stains-All, cationic carbocyanine dye
<b>Description</b>	Cationic carbocyanine dye for differential staining of nuclei acids and proteins.
<b>Biological description</b>	Cationic carbocyanine dye used for differential staining of nuclei acids and proteins with RNA staining blue/purple, DNA staining blue, and proteins staining red. Ideal dye for the visualization and identification of proteins on polyacrylamide gels because it differentiates between highly acidic proteins which stain blue and less acidic proteins which stain pink. Staining of Ca <sup>2+</sup> -binding proteins in muscle extracts was 50 to 100% more intense than obtained with Coomassie blue staining. When employed on polyacrylamide gels, the intensity of Stains-All can be increased by the addition of silver nitrate.
<b>Purity</b>	> 95%
<b>CAS Number</b>	7423-31-6
<b>Chemical structure</b>	



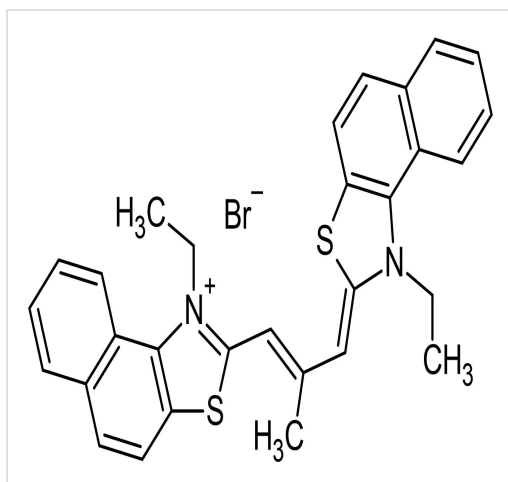
### Properties

<b>Chemical name</b>	1-Ethyl-2-[3-(1-ethylnaphtho[1,2-d]thiazol-2(1H)-ylidene)-2-methyl-1-propenyl]naphtho[1,2-d]thiazolium bromide
<b>Molecular weight</b>	559.58
<b>Molecular formula</b>	C <sub>30</sub> H <sub>27</sub> BrN <sub>2</sub> S <sub>2</sub>
<b>Storage instructions</b>	Store at Room Temperature. The product can be stored for up to 12 months.
<b>Handling</b>	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.  Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.

Source

Synthetic

## Images



2D chemical structure image of ab146278, Stains-All, cationic carbocyanine dye

Chemical Structure - Stains-All, cationic carbocyanine dye (ab146278)

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

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