

Product Name: Hematoxylin

Catalog No.: 5222

Batch No.: 4

CAS Number: 517-28-2

EC Number: 208-237-3

IUPAC Name: (6a*S*,11*bR*)-7,11*b*-Dihydrobenz[*b*]indeno[1,2-*d*]pyran-3,4,6*a*,9,10(6*H*)-pentol

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₁₆H₁₄O₆·3H₂O

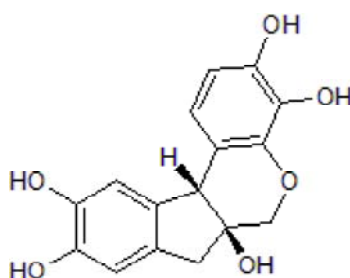
Batch Molecular Weight: 356.33

Physical Appearance: Brown solid

Solubility: ethanol to 3 mM

Storage: Store at RT

Batch Molecular Structure:



2. ANALYTICAL DATA

Em 550nm(0.1M NaOH): 18,698

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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Description:

Dye used to stain cell nuclei.

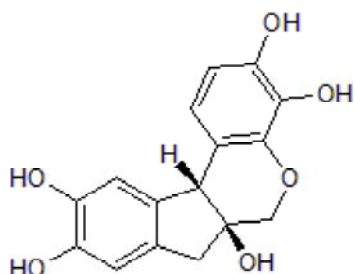
Physical and Chemical Properties:

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Batch Molecular Structure:



Storage: Store at RT

Solubility & Usage Info:

ethanol to 3 mM

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

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