

## Product datasheet

# Hydroxystilbamidine ab138870

[1 References](#) [1 Image](#)

### Overview

<b>Product name</b>	Hydroxystilbamidine
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF
<b>General notes</b>	<p>Hydroxystilbamidine (also called Fluoro-Gold™) is used for staining DNA and RNA. It exhibits distinctively different fluorescence emission profiles when bound to DNA compared to RNA. This cationic dye is also frequently used as a retrograde neuronal tracer.</p> <p>Molecular Weight: 472.54            Appearance: Yellow powder            Solvent: Water            Purity: ≥95% by HPLC</p> <p><b>SPECTRAL PROPERTIES:</b></p> <p><b>Excitation:</b> <math>E_{x_{max}}</math> 360 nm</p> <p><b>Emission:</b> <math>E_{m_{max}}</math> 625 nm</p> <p><b>Other products for staining tissue sections</b></p> <p>Find more kits and reagents in the <a href="#">special stains guide</a>, or products for antigen retrieval, blocking, signal amplification, visualization, counterstaining, and mounting in the <a href="#">IHC kits and reagents guide</a>.</p>

### Properties

<b>Form</b>	Lyophilized
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C. Store In the Dark.

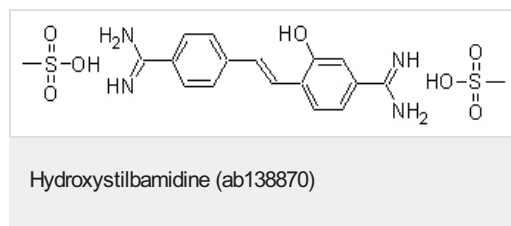
### Applications

**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab138870 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use at an assay dependent concentration.

## Images

---



Chemical structure of ab138870 Hydroxystilbamidine.

Chemical structure of ab138870 Hydroxystilbamidine.

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

## Our Abpromise to you: Quality guaranteed and expert technical support

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

## Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors