Fast Blue

Product Description

**Name:** Fast Blue

Diaminodino compound 253/50
FP-CM0240 1 mg
FP-CM0241 5 mg

**Structure:**

\[
\begin{align*}
\text{H}_2\text{C} & - \text{O} \\
\text{N} & = \text{N}^- \\
\text{N}^+ & \equiv \text{N} \\
\text{Cl}^- & \\
\text{Cl}^- & \\
\text{N}^+ & \equiv \text{N} \\
\text{O} & - \text{CH}_3
\end{align*}
\]

**Catalog Number:**
FP-CM0240 1 mg
FP-CM0241 5 mg

**Molecular Weight:**
MW = 379.84

**Solubility:**
water, lower alcohols

**Absorption / Emission:**
\[\lambda_{exc}/\lambda_{em} = 365 / 420 \text{ nm}\]

**Storage:**
Room temperature

Introduction

Fast Blue fluorescent dye is commonly used as a Neuronal Tracer and is sometimes referred to as a Hydrophilic Retrograde Tracer.

Directions for use

**Guidelines for use**

Fast Blue can be injected into laboratory animals at a concentration of 2.5% in isotonic saline. Common protocols recommend injecting 0.01-0.2 microliters of a 2.5% concentration into the desired area of the laboratory animal. Euthanasia then occurs 2-3 days post-injection.

For a 0.1% solution of the Fast-Blue, the following formula should be followed:

1 g of Fast Blue  
1000 ml of 95% ethanol  
5 ml of 10% acetic acid

References

- Brierley S. et al., Differential chemosensory function and receptor expression of splanchnic and pelvic colonic afferents in mice, *J. Physiol.* 567;267-281 (2005) [Article](#)

interbiotech@interchim.com

FluoProbes®, powered by

FluoProbes®

interbiotech@interchim.com

FluoProbes®, powered by

FluoProbes®, powered by
Technical and scientific information

Related / associated products and documents

See BioSciences Innovations catalogue and e-search tool.

- Hydroxystilbamidine, methanesulfonate (FluoroGold®), FP-40766A
- Labeled microspheres, FP-CJ2740
- Lucifer Yellow CH, FP-15437A
- Biotin ethylenediamine, hydrobromide, FP-76658A

Ordering information

Catalog size quantities and prices may be found at www.interchim.com/
Please inquire for higher quantities (availability, shipment conditions).

For any information, please ask: FluoProbes® / Interchim; Hotline: +33(0)4 70 03 73 06

Disclaimer: Materials from FluoProbes® are sold for research use only, and are not intended for food, drug, household, or cosmetic use. FluoProbes® is not liable for any damage resulting from handling or contact with this product.