

Dil (DiIC18(3))

Cat #:BMD00071

Lot #: Refer to product label

Dil is a widely used carbocyanine membrane dye.

Product Information

Product name Dil (DiIC18(3))

Specification

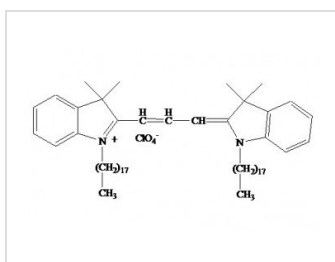


Fig. Dil (DiIC18(3)) structure formula

Product Properties

Storage instructions

Store at -20°C. The product can be stored for up to 12 months. Protect from light.

Shipping

Gel pack with blue ice.

Precautions

The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.

Additional Information

Background

Dil is a widely used carbocyanine membrane dye that labels cell membranes by inserting its two long (C18 carbon) hydrocarbon chains into the lipid bilayer. Particularly, it has been extensively used for the anterograde and retrograde labeling of neurons. The intense fluorescence and high photostability of the dye make it possible to visualize the fine structures (axons and dendrites) of the neurons. Due to its low toxicity and the tendency to give highly stable cell labeling, the dye has also been generally used for long term cell tracing of cells both in cultures and in living embryos or animals.

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