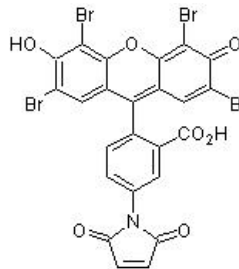


## Product datasheet

# 5-Maleimidoeosin, Fluorescent triplet probe ab145355

1 Image

### Overview

<b>Product name</b>	5-Maleimidoeosin, Fluorescent triplet probe
<b>Description</b>	Fluorescent triplet probe used for the measurement of rotational diffusion of protein in solution and in membranes, including myosin and pyruvate dehydrogenase.
<b>Biological description</b>	Fluorescent triplet probe used for the measurement of rotational diffusion of protein in solution and in membranes, including myosin and pyruvate dehydrogenase. Widely used in a flow cytometry test to detect hereditary spherocytosis (HS).
<b>Purity</b>	> 93%
<b>General notes</b>	Fluorescence: $\lambda_{ex}$ 524 nm; $\lambda_{em}$ 545 nm (after derivatization with 2-mercaptoethanol).
<b>CAS Number</b>	150322-02-4
<b>Chemical structure</b>	

### Properties

<b>Excitation</b>	524nm
<b>Emission</b>	545nm
<b>Chemical name</b>	Eosin-5-maleimide
<b>Molecular weight</b>	742.95
<b>Molecular formula</b>	$C_{24}H_9Br_4NO_7$
<b>Storage instructions</b>	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in water
<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

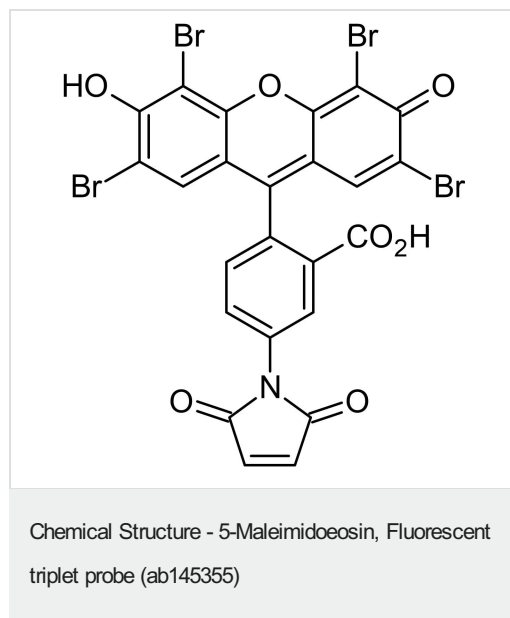
prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

**Source**

Synthetic

**Images**



2D chemical structure image of ab145355, 5-Maleimido eosin, Fluorescent triplet probe

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

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