

Product datasheet

5(6)-FITC (Fluorescein 5(6)-isothiocyanate), Fluorescent amine-reactive label ab145258

1 Image

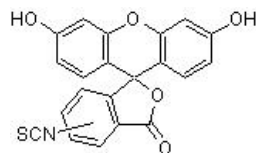
Overview

<b>Product name</b>	5(6)-FITC (Fluorescein 5(6)-isothiocyanate), Fluorescent amine-reactive label
<b>Description</b>	Green fluorescent, amine-reactive label
<b>Biological description</b>	Green fluorescent, amine-reactive label. Efficiently labels antibodies and other purified proteins at primary amines (lysine side chains). Used in applications including fluorescence microscopy, flow cytometry western blotting and ELISA. 5(6)-FITC DA ( <a href="#">ab145463</a> ) precursor. 5-FITC ( <a href="#">ab145325</a> ) and 6-FITC ( <a href="#">ab146082</a> ) isomer mixture.

**Purity** > 90%

**CAS Number** 27072-45-3

**Chemical structure**



Properties

<b>Excitation</b>	492nm
<b>Emission</b>	518nm
<b>Chemical name</b>	Fluorescein 5(6)-isothiocyanate
<b>Molecular weight</b>	389.38
<b>Molecular formula</b>	C <sub>21</sub> H <sub>11</sub> NO <sub>5</sub> S
<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 ethanol to 50 mM and in DMSO to 10 mM
<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 <a href="#">frequently asked questions</a>

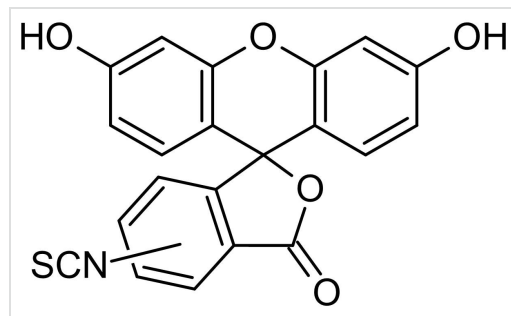
(FAQ) page for more details.

Source

Synthetic

## Images

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2D chemical structure image of ab145258, 5(6)-FITC (Fluorescein 5(6)-isothiocyanate), Fluorescent amine-reactive label

Chemical Structure - 5(6)-FITC (Fluorescein 5(6)-isothiocyanate), Fluorescent amine-reactive label (ab145258)

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

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