# Acridine orange hemi(zinc chloride) salt, Fluorescent cationic DNA and RNA dye ab146348

## Overview

**Product name**
Acridine orange hemi(zinc chloride) salt, Fluorescent cationic DNA and RNA dye

**Description**
Cell-permeable metachromatic fluorescent cationic DNA and RNA dye; RNA polymerase inhibitor.

**CAS Number**
10127-02-3

**Chemical structure**

![Chemical structure](image)

**Molecular weight**
369.96

**Molecular formula**
C_{17}H_{20}ClN_{3}\cdot HCl\cdot 0.5ZnCl_{2}

**Storage instructions**
Store at Room Temperature. The product can be stored for up to 12 months.

**Handling**
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.

Refer to SDS for further information.

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

**Source**
Synthetic

## Properties

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## Images
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