

Product datasheet

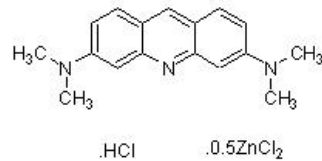
Acridine orange hemi(zinc chloride) salt, Fluorescent cationic DNA and RNA dye ab146348

[1 References](#) [1 Image](#)

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.
Biological description	Cell-permeable metachromatic fluorescent cationic dye that stains DNA and RNA. Also an inhibitor of RNA polymerase.
CAS Number	10127-02-3

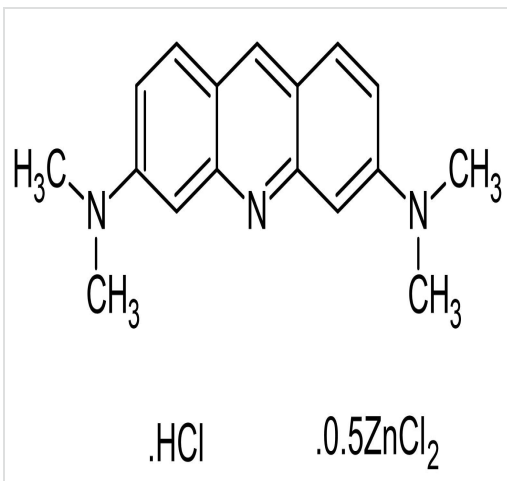
Chemical structure



Properties

Molecular weight	369.96
Molecular formula	C ₁₇ H ₂₀ ClN ₃ .HCl.0.5ZnCl ₂
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Handling	<p>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.</p> <p>Toxic, refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
Source	Synthetic

Images



2D chemical structure image of ab146348, Acridine orange hemi(zinc chloride) salt, Fluorescent cationic DNA and RNA dye

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

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

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