

Ruthenium Red Stain

R1508171

Storage: Room Temperature. Store in the dark.

Introduction:

Ruthenium Red has a molecular formula of $\text{Ru}_3\text{O}_2\text{Cl}_6 \cdot 14(\text{NH}_3)$, a CAS number of 11103-72-3 and a molecular weight of 786.35. It appears as red crystals and can be used as a voltage-sensitive calcium channel inhibitor. Aladdin Ruthenium Red Staining Solution can stain the mycelia and spores in host plant tissues red for the staining of tissue sections of plant diseases and insect pests. This reagent is for research use only and not suitable for clinical diagnosis or any other purposes.

Operating Procedures (For Reference Only):

1. Place the prepared sections into the ruthenium red staining solution and incubate for 1–3 minutes.
2. For samples that are difficult to stain, appropriately extend the staining time.

Staining Results:

Mycelia and spores: Red

Precautions:

1. For your safety and health, wear a lab coat and disposable gloves during operation.
2. This product is for research use only and strictly prohibited for any other purposes.