

Rifampicin

Cat. No. ANT-504

Lot. No. (See product label)

Product Name

Rifampicin

Product Overview

This product is plant cell culture tested. CAS NO.13292-46-1. Rifampicin, a rifamycin, is active against mycobacteria. Rifamycin, is also an inhibitor of chloroplast RNA polymerase and may be used to study chloroplast-level DNA transcription in plants.

Description

Mode of Action: Inhibits initiation of RNA synthesis by binding to β -subunit of RNA polymerase.

Form

Faint Orange to Red-Brown Powder

Molecular Mass

822.94

Purity

$\geq 97\%$

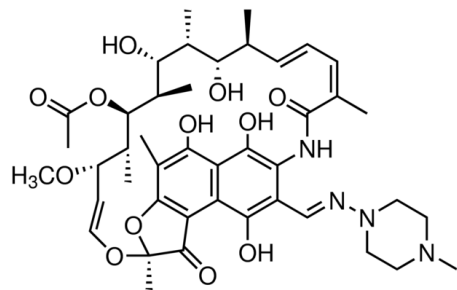
Notes

Keep container tightly closed in a dry and well-ventilated place. Product is sensitive to light and moisture. Store under inert gas.

Synonyms

3-(4-Methylpiperazinyliminomethyl)rifamycin SV; Rifampin; Rifamycin AMP

Figure 1



Solubility

50 mg soluble in 1mL of chloroform, clear.

Molecular Formula

C₄₃H₅₈N₄O₁₂.

Storage

Store below 20 centigrade.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY