# Actinomycin C, *Streptomyces chrysomallus*

**Cat. No.** 114664

<table>
<thead>
<tr>
<th>Size</th>
<th>1 mg</th>
<th>10 mg</th>
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## Synonym:
Cactinomycin

## Description:
Antineoplastic antibiotic. Inhibitor of DNA unwinding activity \((K_i = 2.9 \mu M)\). Consists of approximately 5% C\(_1\)-(actinomycin D), 45% C\(_2\)- and 45% C\(_3\)-actinomycins.

## Form:
Lyophilized solid

## CAS Number:
8052-16-2

## RTECS:
AU1400000

## Molecular Weight:
1269.5 (actinomycin C\(_2\))

## Molecular Formula:
\(C_{63}H_{88}N_{12}O_{16}\)

## Purity:
\(\geq 95\%\) by HPLC

## Solubility:
\(H_2O\)

## Storage:
Refrigerate (+4°C). Protect from light. This product is stable for 3 years as supplied.

## Toxicity:
MSDS available upon request.

## Merck Index:
12: 1642

## Reference:

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