Product Information

**Caerulomycin A**
from *Streptomyces caeruleus*

Catalog Number C6374
Storage Temperature –20 °C

**CAS RN 21802-37-9**
Synonyms: Cerulomycin, Carulomycin A

**Product Description**
Molecular Weight: 229.23
Molecular formula: C₁₂H₁₁N₃O₂

Caerulomycins produced by *Streptomyces caeruleus* are bipyridinic molecules endowed with antibiotic properties. Caerulomycin A was found to have a strong antifungal and antiamoebic activity, and a mild antibacterial activity.¹ ²

Purity: ≥98% by HPLC

**Precautions and Disclaimer**
This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

**Preparation Instructions**
A Caerulomycin A stock solution may be prepared in DMSO or methanol at 1 mg/mL. The stock solution can be further diluted in water to 0.1 mg/mL. Higher concentrations may require gentle heating to 40 °C. Dilutions from the stock solution should be freshly prepared.

**Storage/Stability**
Store the product sealed at –20 °C. Under these conditions the product is stable for at least 2 years.

**References**

KAA,DWF,MAM 08/10-1