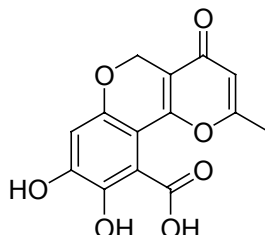


Citromycetin

Code: **BIA-C1189**

Pack sizes: **1 mg, 5 mg**



Synonyms : **Frequentic acid**

Specifications

CAS # : **478-60-4**
Molecular Formula : **C₁₄H₁₀O₇**
Molecular Weight : **290.2**
Source : **Unidentified Fungus MST-FP2115**
Appearance : **Yellow solid**
Purity : **>95% by HPLC**
Long Term Storage : **-20°C**
Solubility : **Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.**

Application Notes

Citromycetin was independently isolated and named from a number of different fungal species during the 1930s to 1950s and subsequently shown to be identical. Citromycetin found to be active against Gram positive bacteria. NCI studies demonstrated the lack of activity against tumors and AIDS. Citromycetin is an interesting metabolite which less received little attention in modern times.

References

1. Identity of frequentic acid and citromycetin. Grove J. F. and Brian P. W. Nature **1951**, 167, 995