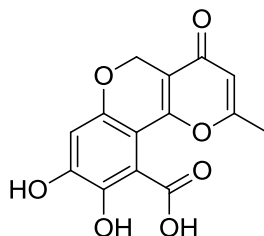


Citromycetin

Code No.: **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
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 is active against Gram positive bacteria. NCI studies demonstrated the lack of activity against tumors and AIDS. Citromycetin is an interesting metabolite which has 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