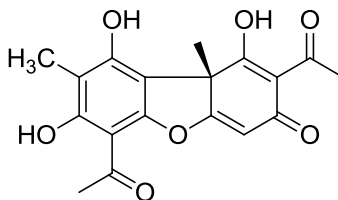


Usnic acid

Code No.: **BIA-U1380**

Pack sizes: **5 mg, 25 mg**



Synonyms : Usnic acid, Carbonusnic acid, Usno

Specifications

CAS #	: 125-46-2
Molecular Formula	: C₁₈H₁₆O₇
Molecular Weight	: 344.3
Source	: <i>Usnea</i> sp.
Appearance	: White solid
Purity	: >98% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Good water solubility.

Application Notes

Usnic acid is a major metabolite from a number of lichen and fungal species and is perhaps one of the longest known microbial metabolites, first isolated in 1844. Usnic acid exhibits a broad range of biological activity; indeed it is easier to list the bioassays in which it does not exhibit activity. More often than not, potency is low and of limited value. Usnic acid is an important metabolite for dereplication in discovery research programs.

References

1. Usnic acid. Ingolfsson K. Phytochemistry 2002, 61, 729.

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