

Usnic acid PRODUCT DATA SHEET

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Product Name: Usnic acid

Product Number: U009

CAS Number: 125-46-2

Molecular Formula: $C_{18}H_{16}O_7$

Molecular Weight: 344.3

Appearance: White solid

Storage Conditions: -20°C

Description: 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.

Usnic acid is soluble in ethanol, methanol, DMF and DMSO.

References: Usnic acid. Ingolfsdottir K. Phytochemistry 2002, 61, 729.

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