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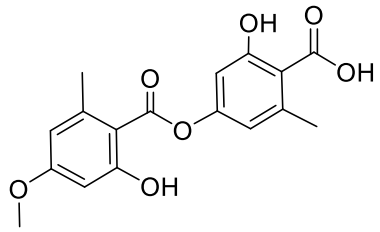
PRODUCT DATA SHEET

Evernic acid

Code No.: **BIA-E1676**

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



Synonyms : -

Specifications

CAS #	:	**537-09-7**
Molecular Formula	:	**$C_{17}H_{16}O_7$**
Molecular Weight	:	**332.3**
Source	:	***Evernic* sp.**
Appearance	:	**White to off-white solid**
Purity	:	**>95% by HPLC**
Long Term Storage	:	**-20°C**
Solubility	:	**Soluble in methanol, DMSO.**

Application Notes

Evernic acid is an orcinol depside found in Evernia species and is a major component of Evernia prunastri (oakmoss), an important lichen in the perfume industry. Like many lichen metabolites, evernic acid was isolated in the 19th century with its structure and synthesis resolved in the early part of the 20th century. Evernic acid is an important chemotaxonomic standard for lichens. Evernic acid has been examined in wide range of bioassays and has a diverse pharmacology with over 100 Scifinder citations up to 2017.

References

1. Synthesis of depsides, lichen-substances and tannins. Fischer E., J. Am. Chem. Soc. 1914, 36, 1170.
2. Lichen extracts as raw materials in perfumery. Part 1: oakmoss. Joulaina D. and Tabacchi R., Flavor Fragr. J. 2009, 24, 49.
3. Evernia prunastri and Pseudoevernia furfuraceae lichens and their major metabolites as antioxidant, antimicrobial and anticancer agents. Kosanic M. et al., Food Chem. Toxicol. 2013, 53, 112.

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