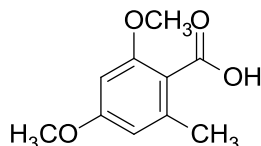


Orsellinic acid dimethylether

Code No.: **BIA-O1659**

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



Synonyms : 2,4-Dimethoxy-6-methylbenzoic acid; 4,6-dimethoxy-o-toluic acid

Specifications

CAS #	: 3686-57-5
Molecular Formula	: C ₁₀ H ₁₂ O ₄
Molecular Weight	: 196.2
Source	: Synthetic
Appearance	: White to off-white solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO.

Application Notes

Orsellinic acid dimethylether is a common salicylic acid unit in the biosynthesis and degradation of secondary metabolites in lichens and the ester component of the azaphilone falconensins. The bioactivity of orsellinic acid dimethylether is not well understood but it is a useful standard for bioassay and analytical techniques for dereplication of common co-metabolites.

References

1. Isolation and structures of new azaphilone derivatives, falconensins E-G, from *Emericella falconensis* and absolute configurations of falconensins A-G. Itabashi T. et al., Chem. Pharm. Bull. 1996, 44, 2213.
2. Analysis of secondary metabolites from lichen by high performance liquid chromatography with a photodiode array detector. Yoshimura I. et al., Phytochemical Analysis 1994, 5, 197.