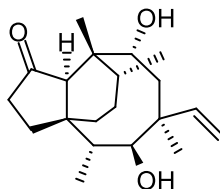


Mutilin

Code No.: **BIA-M1333**

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



Synonyms :

Specifications

CAS #	: 6040-37-5
Molecular Formula	: C ₂₀ H ₃₂ O ₃
Molecular Weight	: 320.5
Source	: Semi-synthetic
Appearance	: White solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.

Application Notes

Mutilin is minor metabolite of the pleuromutilin family, originally isolated from *Pleurotus mutilus*. Mutilin is formed by hydrolysis of the hydroxyacetyl ester of pleuromutilin, and is a degradation product and in vivo metabolite of pleuromutilin. Interest in mutilin has focused on its potential as a substrate for generating unique metabolites via biosynthesis to provide a broader range of targets for semi-synthetic modification.

References

1. Chemical studies with pleuromutilin. Anchel M. J. Biol. Chem 1952, 199, 133.
2. Hydroxylation of mutilin by *Streptomyces griseus* and *Cunninghamella echinulata*. Hanson R.L. et al., Org. Pro. Res. Dev. 2002, 6, 482.