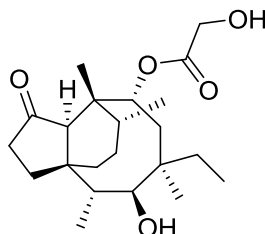


Dihydropleuromutilin

Code No.: **BIA-D1526**

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



Synonyms :

Specifications

CAS #	: 42302-24-9
Molecular Formula	: C₂₂H₃₆O₅
Molecular Weight	: 380.5
Source	: Semi-synthetic
Appearance	: White solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Moderate water solubility.

Application Notes

Dihydropleuromutilin is a semi-synthetic pleuromutilin formed by selective reduction of the ethene to ethyl. Dihydropleuromutilin exhibits comparable antibiotic potency to pleuromutilin. Extensive studies have been undertaken on semi-synthetic dihydropleuromutilin analogues but the parent compound has received only limited attention.

References

1. The structure and some aspects of the biosynthesis of pleuromutilin Birch A.J. et al., Tetrahedron, 1966, Suppl. 8, 359.
2. New pleuromutilin derivatives with enhanced antimicrobial activity. II Structure-activity correlations. Egger H. & Reinshagen. J. Antibiot. 1976, 29, 923.