

Product Name:	Dihydropleuromutilin
Product Number:	D054
CAS Number:	42302-24-9
Molecular Formula:	$C_{22}H_{36}O_5$
Molecular Weight:	380.5
Appearance:	White solid
Storage Conditions:	-20°C
Description:	<p>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.</p> <p>Dihydropleuromutilin is soluble in ethanol, methanol, DMF and DMSO.</p>
References:	<p>The structure and some aspects of the biosynthesis of pleuromutilin Birch A.J. et al. Tetrahedron, 1966, Suppl. 8, 359.</p> <p>New pleuromutilin derivatives with enhanced antimicrobial activity. II Structure-activity correlations. Egger H. & Reinshagen. J. Antibiot. 1976, 29, 923.</p>