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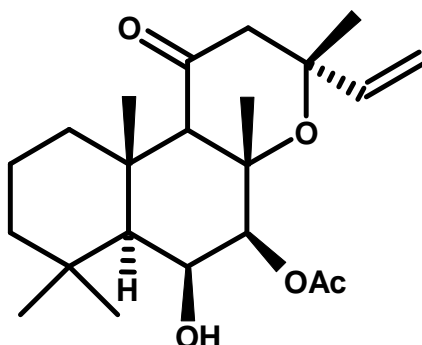
## Product Specifications

### 1,9-Dideoxyforskolin

CAS 64657-18-7

Syn: 7 $\beta$ -Acetoxy-6 $\beta$ -hydroxy-8,13-epoxy-labd-14-en-11-one

Structure:



Mol. Formula  
Source

$C_{22}H_{34}O_5$   
*Plectranthus Barbatus*  
(*Coleus Forskohlii*)

Mol. Wt.

378.5

*Test*

*Specification*

Identity	IR, TLC, HPLC
Appearance	White microcryst. powder
Particle Size	100% pass through 40 mesh
Mp	149-150 °C (Lit.)
Purity (hplc, area %)	≥ 98%
Assay (hplc)	≥ 95%
Sp. Rot., [ $\alpha$ ] <sub>D</sub>	- 89.2 ° (C = 0.8, CHCl <sub>3</sub> ) (Lit.)
LOD	≤ 1%
Ash (residue on ignition)	≤ 0.5%
Heavy metals	≤ 10 ppm
Pb	(AAS/ICP-MS) ≤ 3 ppm
As	(AAS/ICP-MS) ≤ 1 ppm
Hg	(AAS/ICP-MS) ≤ 1 ppm
Cd	(AAS/ICP-MS) ≤ 1 ppm

- cont'd -

- cont'd -

<i>Test</i>	<i>Specification</i>
<b>Residual Solvent</b>	(USP <467> Conforms to ICH standards
<b>Pesticide Residue</b>	(USP <561> Conforms
<b>Aflatoxins</b>	(USP <561> Conforms
<b><u>Microbiological Specification</u></b>	
<b>Total Aerobic</b>	(USP <2021> ≤100 cfu/g
<i>E. Coli</i>	negative
<i>Salmonella</i>	negative
<i>Staphylococcus aureus</i>	negative
<i>Coliforms</i>	negative
<i>Pseudomonas</i>	negative
<b>Mold and Yeast</b>	(USP <2022> ≤100 cfu/g

*Storage:* Maintain in cool, dry containment.