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|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 产品名称       | : Dihydrolanosterol                                                                                                                                                                      |
| 同义词        | : 24,25-Dihydrolanosterol   Lanostenol                                                                                                                                                   |
| 产品货号       | : M24796                                                                                                                                                                                 |
| CAS Number | : 79-62-9                                                                                                                                                                                |
| 分子式        | : C <sub>30</sub> H <sub>52</sub> O                                                                                                                                                      |
| 分子量        | : 428.73                                                                                                                                                                                 |
| 化学全名       | : ——                                                                                                                                                                                     |
| 产品描述       | : Dihydrolanosterol is a sterol and the C24-25 hydrogenated products of lanosterol, dihydrolanosterol can be demethylated by mammal or yeast cytochrome P450 sterol 14alpha-demethylase. |
| 通路         | : Others                                                                                                                                                                                 |
| 靶点         | : Other Targets                                                                                                                                                                          |
| 受体         | : Others                                                                                                                                                                                 |
| 溶解度        | : In Vitro: ?Ethanol : 12.5 mg/mL (29.16 m)                                                                                                                                              |
| SMILES     | : <chem>CC(C)CCC[C@@H](C)[C@@H](CC1)[C@@](C)(CC2)[C@]1(C)C(CC1)=C2[C@@](C)(CC2)[C@@H]1C(C)(C)[C@H]2O</chem>                                                                              |
| 存储条件       | : (-20℃)                                                                                                                                                                                 |
| 稳定性        | : ≥ 2 years                                                                                                                                                                              |
| 参考文献       | :                                                                                                                                                                                        |

1. Separation and purification of lanosterol, dihydrolanosterol, and cholesterol from lanolin by high-performance counter-current chromatography dual-mode elution method[J]. Journal of Separation Science, 2019.