

## Talarodexine D

## Chemical Properties

CAS No. :

Formula: C<sub>36</sub>H<sub>38</sub>O<sub>11</sub>

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Talarodexine D (compound 4) exhibits biofilm inhibitory activity. It also demonstrates antibacterial properties against <i>Bacillus subtilis</i> and <i>Staphylococcus aureus</i> , with minimum inhibitory concentrations (MIC) of 2.1 and 8.3 µg/mL, respectively.
Targets(IC50)	Antifungal
In vitro	Talarodexine D (compound 4) exhibits potent cytotoxic activity, particularly against MCF-7 and A431 cell lines, with IC 50 values of 1.16 and 1.19 µM, respectively. Additionally, it shows antibacterial properties against <i>Bacillus subtilis</i> and <i>Staphylococcus aureus</i> .

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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