# Galiellalactone

## STAT3 inhibitor

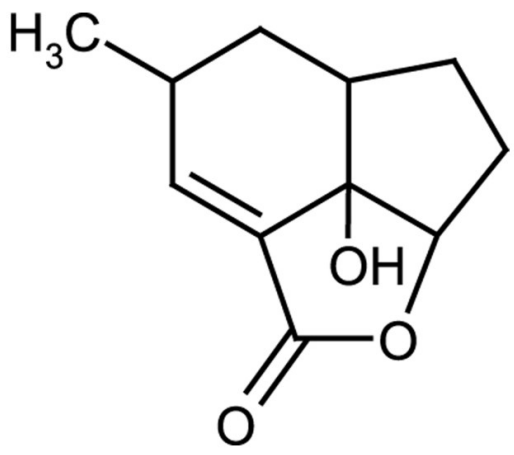
Originally isolated from *Galiella rufa* as a plant growth regulator. Inhibits IL-6 mediated signal transduction by blocking the binding of the activated STAT3 dimers to their DNA binding sites without inhibiting the tyrosine and serine phosphorylation site of the STAT3 transcription factor.

**Citations:** 7 View Online »

## Ordering Information Order Online »

| | |
|---|---|
| **ALX-350-336-MC05** | 0.5mg |

## Manuals, SDS & CofA View Online »

| | |
|---|---|
| H3C<br>OH<br>O<br>O | |

## Handling & Storage

| | |
|---|---|
| **Use/Stability** | As indicated on product label or CoA when stored as recommended. |
| **Long Term Storage** | -20°C |
| **Shipping** | Ambient Temperature |

## Regulatory Status

RUO - Research Use Only

## Product Details

| | |
|---|---|
| **Appearance** | White to light tan solid. |
| **CAS** | 133613-71-5 |
| **Couple Target** | STAT |
| **Couple Type** | Inhibitor |
| **Formula** | $C_{11}H_{14}O_3$ |
| **Formulation** | Lyophilized. |
| **MW** | 194.2 |
| **Purity** | ≥95% (HPLC) |
| **Solubility** | Soluble in 100% ethanol, methanol, dimethyl formamide or DMSO. |
| **Source** | Isolated from an unidentified fungus, MST-FP1889. |

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