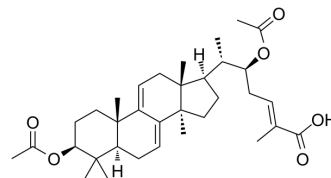


## (22S,24E)-3 $\beta$ ,22-Diacetoxylanosta-7,9(11),24-trien-26-oic acid

Cat. No.:	HY-N11650
CAS No.:	1846584-06-2
Molecular Formula:	C <sub>34</sub> H <sub>50</sub> O <sub>6</sub>
Molecular Weight:	554.76
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

(22S,24E)-3 $\beta$ ,22-Diacetoxylanosta-7,9(11),24-trien-26-oic acid (compound 15) is an antitubercular agent with MIC value of 12.5  $\mu$ g/mL for Mycobacterium tuberculosis H37Ra. (22S,24E)-3 $\beta$ ,22-Diacetoxylanosta-7,9(11),24-trien-26-oic acid shows cytotoxicity with IC<sub>50</sub> value of 32  $\mu$ M for Vero cells<sup>[1]</sup>.

### REFERENCES

[1]. Isaka M, et al. Antitubercular Lanostane Triterpenes from Cultures of the Basidiomycete Ganoderma sp. BCC 16642. J Nat Prod. 2016 Jan 22;79(1):161-9.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA