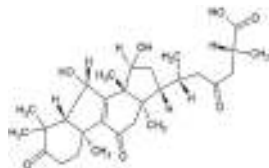


# Ganoderic Acid A

**ALTERNATE NAME:** (25R)-7 $\beta$ ,15 $\alpha$ -dihydroxy-3,11,23-trioxo-lanost-8-en-26-oic acid

**CATALOG #:** B3266-1 1 mg  
B3266-5 5 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>30</sub>H<sub>44</sub>O<sub>7</sub>

**MOLECULAR WEIGHT:** 516.67

**CAS NUMBER:** 81907-62-2

**APPEARANCE:** Solid

**PURITY:**  $\geq$ 95%

**SOLUBILITY:** ~3 mg/ml Ethanol  
~ 1 mg/ml DMSO

**DESCRIPTION:** Ganoderic Acid is a triterpene found in Ganoderma mushrooms, commonly used in Traditional Chinese Medicine. Ganoderic Acid is reported to display anti-tumor activity mediated through its inhibitory effect on NF $\kappa$ B and AP-1 as well as antimetastasis and anti-HIV activities. It reduces cell viability, expression of superoxide dismutase 1 (SOD1), SOD2, and SOD3, and production of reactive oxygen species (ROS) in PC3 prostate cancer cells. Ganoderic acid A also acts as an inhibitor of the JAK-STAT3 signaling pathway.

**STORAGE TEMPERATURE:** -20°C. Protect from moisture

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

PathwayReady™ JAK/STAT Signaling Inhibitor Panel (K864)  
Stat3 Inhibitor I, S3I-201 (1775)  
AT9283 (2432)  
WHI-P154 (2659)

**DISCLAIMER:** *FOR RESEARCH USE ONLY! Not to be used on humans.*