

**PRODUCT:**

## Gibberellic acid

**ALTERNATE NAME:**

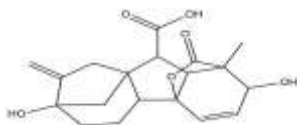
Gibberellin A3; (+)-Gibberellic Acid; (+)-Gibberellin A3; Activol; Arbostim; Berelex; GA; GA3; GibGro; Gibberellic Acid GA3; Gibberellin GA3; Gibrescol; Gibreskol; Grocel GA3; Maxon; NSC 14190; NSC 19450; Pro-Gibb; Pro-Gibb Plus; Ralex; Release LC; RyzUp;

**CATALOG #:**

B2234-1G, 5G

**AMOUNT:**

1 g, 5 g

**STRUCTURE:****MOLECULAR FORMULA:** $C_{19}H_{22}O_6$ **MOLECULAR WEIGHT:**

346.37

**CAS NUMBER:**

77-06-5

**APPEARANCE:**

White to off-white solid

**SOLUBILITY:**

EtOH (~50 mg/ml)

**PURITY:**

≥90%

**STORAGE:**

Store at RT. Protect from air and light

**DESCRIPTION:**

Gibberellic acid (GA) is a tetracyclic di-terpenoid and a plant hormone that stimulates plant growth and development. It stimulates seed germination, triggers transitions from meristem to shoot growth, juvenile to adult leaf stage, vegetative to flowering, etc.

**REFERENCES:**

Gupta, R., and Chakrabarty, S.K. (2013). *Plant Signal Behav.* **8**, e25504.

**HANDLING:**

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

**RELATED PRODUCTS:**

(+)-Abscisic acid (**2543**)  
Gibberellic acid (**B2334**)  
Validamycin A (**B1540**)

**USAGE:**

**FOR RESEARCH USE ONLY! Not to be used in humans**