



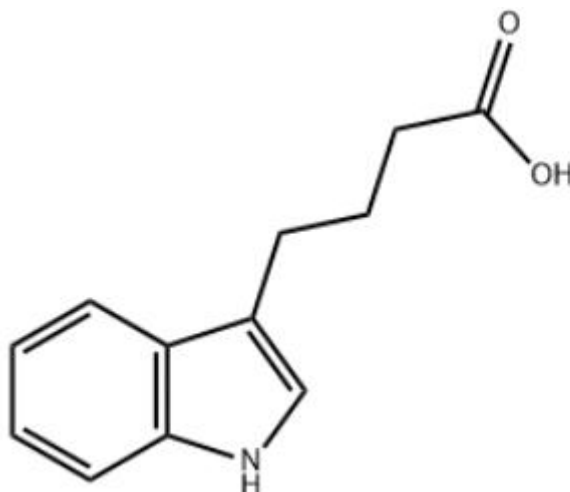
# Unilong Industry Co., Ltd

Add: No.2000 Shunhua Rd, High-Tech Zone , Jinan City, Shandong Province, China  
Contact: +86-18653132120

**Product name: Indole-3-butyric acid**

**CAS: 133-32-4**

**Molecular Weight: 203.24**



English name	3-indolebutyric acid
Molecular formula	C <sub>12</sub> H <sub>13</sub> NO <sub>2</sub>
CAS	133-32-4
Physical and chemical properties	The pure product is white to light yellow crystalline solid, and the original drug is white to light yellow crystalline.
Melting point	124 ~ 125°C (pure product); 121 ~ 124°C (original drug)°C
Toxicity	Acute oral administration of 1000mg/kg for mice and 180 mg/l for carp TLM (48h). It is used according to the prescribed dose and is nontoxic to bees. Rapid degradation in soil
Stability	Stable in neutral and acidic medium
Prohibited compounds	strong oxidants and alkalis.
Avoid contact conditions	open flame and high temperature.



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## **Application:**

Indole-3-butyric acid is auxin-family plant hormone (phytohormone). IBA is thought to be a precursor of indole-3-acetic acid (IAA) the most abundant and the basic auxin natively occurring and functioning in plants. IAA generates the majority of auxin effects in intact plants, and is the most potent native auxin.

## **Package:**

Usually packed in 25kg/drum, and also can be do customized package.

Unilong Industry