

Indole-3-Butyric Acid (K-IBA)

Cat. No. GRO-550

Lot. No. (See product label)



Product Name

Indole-3-Butyric Acid (K-IBA)

Product Overview

Indole-3-butyric acid, potassium salt is an indole-based auxin. This product is plant tissue culture tested. CAS NO. 60096-23-3.

Form

Solid

Molecular Mass

241.3

Purity

>98 %

Applications

Indole-3-butyric acid (IBA) is auxin-family plant hormone. 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.

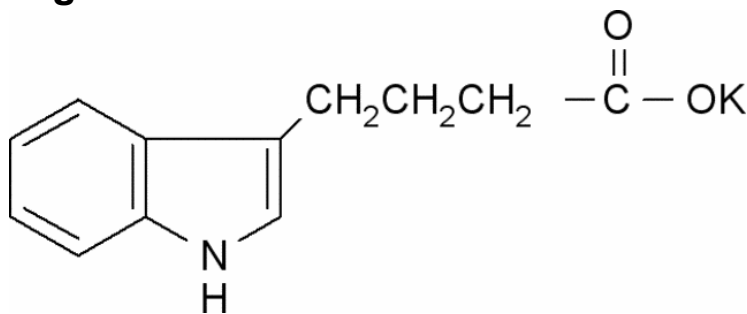
Notes

Plant Tissue Culture Tested

Synonyms

K-IBA; 4-[3-Indolyl]butyric Acid, Potassium Salt

Figure 1



Solubility

Water

Molecular Formula

$\text{C}_{12}\text{H}_{12}\text{KNO}_2$.

Storage

Store at 2 to 8 centigrade.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY