

3-Indolepropionic acid

Cat: I8810

Specification: 5g /25g /100g /500g

Storage: Store at room temperature.

Product Information

CAS: 830-96-6

English name: 3-Indolepropionic acid

Appearance (Character): White to light yellow crystal

Molecular Formula: C₁₁H₁₁NO₂

Molecular Weight: 189.21

Purity: 98%

Grade: BR

Solubility: 50mg/ml in EtOH

Introduction

The natural compound indole-3-propionic acid (IPA) is an important intermediate for the synthesis of the indole alkaloid ergot acid. Indole 3-propionic acid has combined properties that make it particularly useful in preventing the cytotoxic effects of amyloid beta protein on cells, treating all fibril-forming diseases, and protecting cells from oxidative damage. Indole-3-propionic acid is a deamination product of tryptophan that protects the hippocampus (gerbil study) from ischemic injury and oxidative stress. Its ability to protect neurons in this way is attributed to its powerful antioxidant effect.

Note

1. Unless otherwise specified, the biochemical reagents produced by our company are generally non-sterile packaged. If they are to be used for cell experiments, please conduct pretreatment in advance.
2. Once dissolved, please store the solution in separate containers to avoid product degradation caused by repeated freezing and thawing.
3. The product information is for reference only. If you have any questions, please call 400-968-6088 for consultation.
4. The products are all for scientific research use only. Do not use it for medical, clinical diagnosis or treatment, food and cosmetics, etc. Do not store them in ordinary residential areas.
5. For your safety and health, please wear laboratory clothes, disposable gloves and masks to operate.