

Indolelactic acid.

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

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|---------------|---|
| Description | Indolelactic acid is a metabolite of tryptophan in Azotobacter vinelandii cultures. |
| Targets(IC50) | Endogenous Metabolite |

Solubility Information

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|---------------------|---|
| Solubility | DMSO: 252 mg/mL (1228.01 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
| In vivo Formulation | 10% DMSO+40% PEG300+5% Tween 80+45% Saline: 5 mg/mL (24.37 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i> |

Reference

Francisco García-Tabares, et al. Production of 3-indoleacetic acid and 3-indolelactic acid in Azotobacter vinelandii cultures supplemented with tryptophan. Appl Microbiol Biotechnol.1987 Mar, 25 (6):502-506.

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