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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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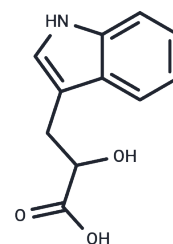
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Indolelactic acid

Chemical Properties

CAS No. :	1821-52-9
Formula:	C ₁₁ H ₁₁ NO ₃
Molecular Weight:	205.21
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Indolelactic acid is a metabolite of tryptophan in <i>Azotobacter vinelandii</i> cultures.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	DMSO: 82 mg/mL (399.59 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8731 mL	24.3653 mL	48.7306 mL
5 mM	0.9746 mL	4.8731 mL	9.7461 mL
10 mM	0.4873 mL	2.4365 mL	4.8731 mL
50 mM	0.0975 mL	0.4873 mL	0.9746 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

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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