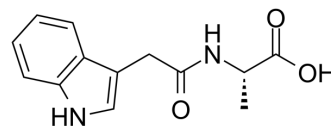


N-(3-Indolylacetyl)-L-alanine

Cat. No.:	HY-W141858
CAS No.:	57105-39-2
Molecular Formula:	C ₁₃ H ₁₄ N ₂ O ₃
Molecular Weight:	246.26
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

DMSO : 250 mg/mL (1015.19 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	4.0607 mL	20.3037 mL	40.6075 mL	
5 mM	0.8121 mL	4.0607 mL	8.1215 mL	
10 mM	0.4061 mL	2.0304 mL	4.0607 mL	

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

N-(3-Indolylacetyl)-L-alanine (Indoleacetylalanine) is an indoleacetyl amino acid. N-(3-Indolylacetyl)-L-alanine appears to increase callus growth and reduces the ability of growths to differentiate into shoots of Phalaenopsis orchids^[1].

REFERENCES

[1]. Griesbach R J. The use of indoleacetyl amino acids in the in vitro propagation of Phalaenopsis orchids. Scientia Horticulturae, 1983, 19(3-4): 363-366.

Caution: Product has not been fully validated for medical applications. For research use only.

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