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**Product Data Sheet**

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Product Name: N-(3-Indolylacetyl)-L-alanine

Cat. No.: GC65230

**Chemical Properties**

Cas. No. 57105-39-2

Formula C<sub>13</sub>H<sub>14</sub>N<sub>2</sub>O<sub>3</sub>

M.Wt 246.26

Solubility DMSO : 250 mg/mL (1015.19 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

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].

[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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