
Product Data Sheet

Product Name: Indigo
Cat. No.: GN10596

Chemical Properties

Cas. No. 482-89-3

Chemical Name (2E)-2-(3-oxo-1H-indol-2-ylidene)-1H-indol-3-one

SMILES C1=CC=C2C(=C1)C(=O)C(=C3C(=O)C4=CC=CC=C4N3)N2

Formula $C_{16}H_{10}O_2N_2$ M.Wt 262.26

Solubility DMSO : 33mg/mL 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

Indigo is a deep and rich color dye for indole stain, isolated from the plant *Indigofera tinctoria* and related species[1].

References:

[1]. Maerz and Paul A Dictionary of Color New York:1930 McGraw-Hill Page 197; Color Sample of Indigo: Page 117 Plate 47 Color Sample E10.

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

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