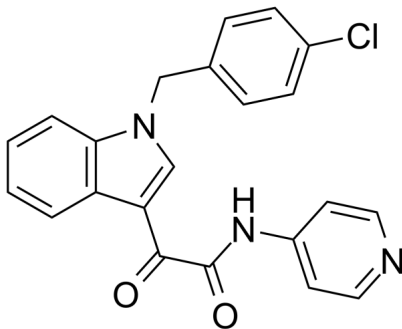


## Certificate of Analysis

Catalog Number	BP10939
Product Name	Indibulin

## Physical and Chemical Properties

Synonyms	ZIO 301, D 24851
CAS No.	204205-90-3
Chemical Formula	C <sub>22</sub> H <sub>16</sub> ClN <sub>3</sub> O <sub>2</sub>
Molecular Weight	389.84
Solubility	DMSO: 50 mg/mL (128.26 mM), Need ultrasonic
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

## Product Information

Description	Indibulin is a synthetic small molecule with antimitotic and potential antineoplastic activities. Indibulin is an orally applicable inhibitor of tubulin assembly, shows potent anticancer activity with a minimal neurotoxicity. Indibulin reduces inter-kinetochoric tension, produces aberrant spindles, activates mitotic checkpoint proteins Mad2 and BubR1, and induces mitotic arrest and apoptosis.
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## Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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