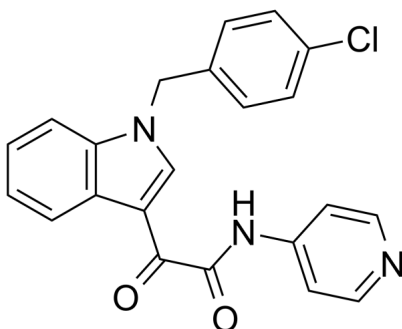


Data Sheet

Product Information

Catalog Number	BP10939
Product Name	Indibulin
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.
Synonyms	ZIO 301, D 24851
CAS No.	204205-90-3
Chemical Formula	C ₂₂ H ₁₆ ClN ₃ O ₂
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	 <p>The chemical structure of Indibulin is shown. It features an indole ring system. The nitrogen atom of the indole is substituted with a (4-chlorophenyl)methyl group. The 3-position of the indole ring is substituted with a 1-(pyridin-4-yl)ethanone group. The pyridine ring is in the para position relative to the nitrogen atom.</p>

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