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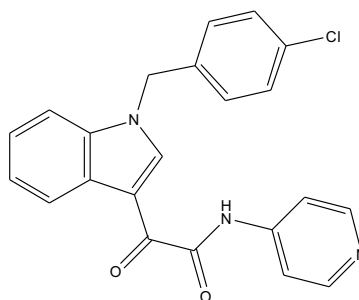
CERTIFICATE OF ANALYSIS

Product name: **D-24851**

Cat. number: **VD-ACR-0005** CAS Number: **204205-90-3** Lot number: **VD12-000058**

Personal protective equipment

- Lab coat.
- Safety glasses.



Product Specification

Formula:	C ₂₂ H ₁₆ ClN ₃ O ₂
MW:	389.8
Purity:	>=98%
Appearance:	Off-white solid
Solubility:	DMSO
Storage:	-20°C. Protect from light.
Synonyms:	N-(Pyridin-4-yl)-[1-(4-chlorobenzyl)-indol-3-yl]-glyoxyl Amide

Product Description:

A cell-permeable, potent anticancer agent that destabilizes microtubules in tumor cells as well as in a cell-free system. Binds directly to tubulin and inhibits polymerization (IC₅₀ = 300 nM). Also blocks cell cycle at G₂/M phase, shows efficacy toward multidrug-resistant (MDR) tumor cells, and shows no neurotoxicity.

Product Reference:

1.Bacher, G., et al. 2001. Cancer Res. 61, 392.

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