



MANUFACTURED BY VDM BIOCHEMICALS.LLC
5386 MAJESTIC PARKWAY, UNIT-9,BEDFORD HEIGHTS, OH 44146,USA

PHONE NUMBER: 1-440-786-9400
FAX NUMBER: 1-440-786-9410
EMAIL: SALES@VDMBIO.COM

www.vdmbio.com

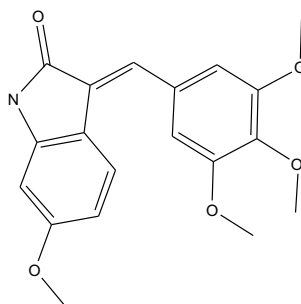
CERTIFICATE OF ANALYSIS

Product name: **Tubulin Polymerization Inhibitor II**

Cat. number: **VD-AM-0117** CAS Number: **1151995-69-5** Lot number: **VD12-9557772**

Personal protective equipment

- Lab coat.
- Safety glasses.



Product Specification

Formula:	C ₁₉ H ₁₉ NO ₅
MW:	341.4
Purity:	>=97%
Appearance:	Yellow solid.
Solubility:	DMSO.
Storage:	+2°C to +8°C. Protect from light.
Synonyms:	Not available.

Product Description:

A cell-permeable, SU5416- derived combretastatin A-4 analog that acts as an effective anti-microtubule agent (IC₅₀ = 4.5 μM in inhibiting polymerization of purified porcine brain tubulin) and displays extremely potent antiproliferative activity towards various cancer cell lines (GI₅₀<10 nM for 46 lines among a 53 NCI panel tested).

Product Reference:

- 1.Pandit, B., et al. 2006. Bioorg. Med. Chem. 14, 6492.
- 2.Li, P.K., et al. 2005. Bioorg. Med. Chem. Lett. 15, 5382.

Signature _____