



MANUFACTURED BY VDM BIOCHEMICALS, INC.  
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](http://www.vdmbio.com)

## CERTIFICATE OF ANALYSIS

Product name: **Smad3 Inhibitor**

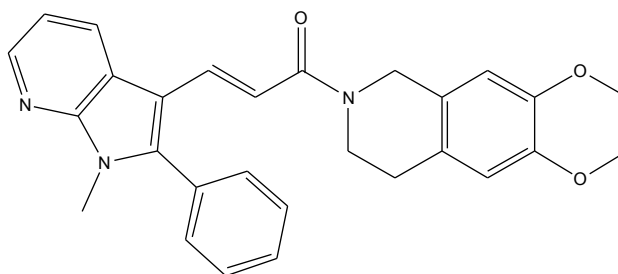
Cat. number: **VD-OEIA-00106**

CAS Number: **1009104-85-1**

Lot number: **VD13-055110027**

### Personal protective equipment

- Lab coat.
- Safety glasses.



### Product Specification

<b>Formula:</b>	C <sub>28</sub> H <sub>27</sub> N <sub>3</sub> O <sub>3</sub>
<b>MW:</b>	453.5
<b>Purity:</b>	≥98%
<b>Appearance:</b>	Off-white solid.
<b>Solubility:</b>	DMSO or EtOH
<b>Storage:</b>	+2°C to +8°C. <b>Protect from light.</b>
<b>Synonyms:</b>	Specific Inhibitor of Smad3, SIS3

### Product Description:

A cell-permeable pyrrolopyridine compound that selectively inhibits TGF-1-dependent Smad3 phosphorylation and Smad3-mediated cellular signaling with no effect on Smad2, p38 MAPK, ERK, or PI 3-K signaling.

### Product Reference:

1. Jinnin, M., et al. 2006. Mol. Pharmacol. 69, 597.

*Signature* \_\_\_\_\_