RioVision 1/13

PRODUCT: **Smad3 Inhibitor, SIS3**

(2E)-1-(6,7-Dimethoxy-3,4-dihydro-1H-isoquinolin-2-yl)-3-(1-ALTERNATE NAME:

methyl-2-phenyl-1H-pyrrolo[2,3-b]pyridin-3-yl)-propenone

hydrochloride

CATALOG #: 2227-1.5

AMOUNT: 1 mg, 5 mg

STRUCTURE:

MOLECULAR FORMULA: C₂₈H₂₇N₃O₃ · HCl

MOLECULAR WEIGHT: 489.99

CAS NUMBER: 521984-48-5

APPEARANCE: Yellow solid

SOLUBILITY: DMSO (>20 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: At -20 C. Protect from light and moisture

DESCRIPTION: A potent and selective inhibitor of Smad3 function. SIS3

> selectively inhibits TGF-β1/ALK5-induced Smad3 phosphorylation. Also inhibits the TGF-β1 effect on type I procollagen expression at the transcriptional levels via the

Smad3-binding site.

REFRENCE: Jinnin, M., et al. (2006). Mol. Pharmacol. 69, 597-607.

HANDLING: Do not take internally. Wear gloves and mask when handling

the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

A83-01 ICat. No. 1725-1)

EZSolution™ A83-01 (Cat. No. 1989-1)

RepSox (Cat. 1894-5, 25) SB-431542 (Cat. No. 1674-1, 5)

EZSolution™ SB-431542, Sterile-Filtered (Cat. No. 1989-1)

USAGE: FOR RESEARCH CH USE ONLY! Not to be used in

humans

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