

Smad3 Inhibitor, SIS3

Cat. No. CEI-0657

Lot. No. (See product label)

Introduction

Description A potent and selective inhibitor of Smad3 function. SIS3 selectively inhibits TGF- β 1/ALK5-induced Smad3 phosphorylation. Also inhibits the TGF- β 1 effect on type I procollagen expression at the transcriptional levels via the Smad3-binding site.

Product Information

Appearance Pale yellow solid

CAS No. 521984-48-5

Molecular Formula C₂₈ H₂₇ N₃ O₃ · HCl

Chemical Name (2E)-1-(6,7-Dimethoxy-3,4-dihydro-1H-isoquinolin-2-yl)-3-(1-methyl-2-phenyl-1H-pyrrolo[2,3-b]pyridin-3-yl)-propanone hydrochloride

Molecular Weight 406.44

Purity >90% by NMR

Targets SMAD3

Solubility DMSO

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack