



Product Information

Product ID S343720

CAS No. 521984-48-5

Chemical Name

Synonym SIS3 HCl; CTK8E8838; KS-00000UUAU

Formula $C_{28}H_{28}ClN_3O_3$

Formula Wt. 490.00

Melting Point

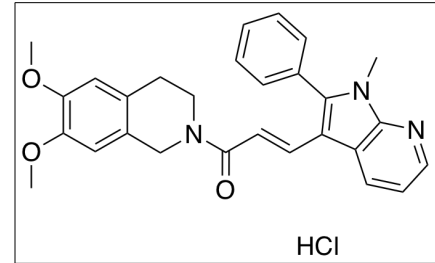
Purity $\geq 98\%$

Solubility

Store Temp 4° C

Ship Temp Ambient

Description SIS3 is a selective inhibitor of Smad3. Smad3 functions downstream of TGF- β and activin receptors, mediating their signaling. SIS3 suppresses Smad3 phosphorylation, thus inhibiting TGF- β and activin signaling independent of the MAPK, ERK, and PI3K pathways.



Bulk quantities available upon request

Product ID	Size
S343720	1 mg
S343720	5 mg
S343720	25 mg

References Jinnin M., Ihn H., et al. Characterization of SIS3, a novel specific inhibitor of Smad3, and its effect on transforming growth factor- β 1-induced extracellular matrix expression. *Mol Pharmacol.* 69(2):597-607 (2006). PMID: 16288083.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.