



Product Information

Product ID C211324

CAS No. 1338806-73-7

Chemical Name

Synonym CFI 400945, CFI400945

Formula $C_{33}H_{34}N_4O_3$

Formula Wt. 534.66

Melting Point

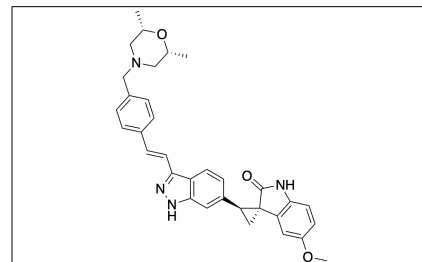
Purity $\geq 98\%$

Solubility

Store Temp -20°C

Ship Temp Ambient

Description CFI-400945 is an inhibitor of polo-like kinase 4 (PLK4). PLK4 plays an important role in centriole replication, and inhibition of PLK4 disrupts mitosis. CFI-400945 inhibits tumor growth in models of pancreatic cancer. PLK4 inhibition may be effective against osteosarcoma, where it is theorized that overexpression of PLK4 may be a driving force in osteosarcoma development and preservation. TEST!!!!!!



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
C211324	1 mg	\$75.00
C211324	5 mg	\$150.00
C211324	25 mg	\$375.00
C211324	100 mg	\$1075.00

References Lohse I., Mason J., et al. Activity of the novel polo-like kinase 4 inhibitor CFI-400945 in pancreatic cancer patient-derived xenografts. *Oncotarget*. 8(2):3064-71 (2017). PMID: 27902970.

Kelleher F., Kores J., et al. Targeting the centrosome and polo-like kinase 4 in osteosarcoma. *Carcinogenesis*. 40(4):493-99 (2019). PMID: 30508038.

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