PRODUCT: CFI-400945

ALTERNATE NAME: (1R,2S)-2-((E)-4-(((2S,6R)-2,6-dimethylmorpholino)methyl)styril)-1H-indazol-6-yl)-5'-methoxyspiro[cyclopropane-1,3'-indolin]-2'-one

CATALOG #: B1287-5,25
AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C_{33}H_{34}N_{4}O_{3}
MOLECULAR WEIGHT: 534.65
CAS NUMBER: 1338806-76-0
APPEARANCE: Crystalline solid
SOLUBILITY: DMSO
PURITY: ≥98% by HPLC

DESCRIPTION: CFI-400945 is a potent, ATP-competitive inhibitor of PLK4 (Polo-like kinase 4) (Ki = 0.2 nM). Displays anticancer properties. PLK4 inhibition also prevents cell division and inhibits proliferation of PLK4-overexpressing tumor cells.


HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:
- BI-6727 (Cat. No. 2222-1,5)
- BI-2536 (Cat. No. 2370-5, 25)
- CIF-400945 (Cat. No. B1287-5,25)
- GSK461364 (Cat. No. 2287-5, 25)
- Rigosertib (Cat. No. 9482-5,25)
- Ro3280 (Cat. No. B1175-5,25)
- SBE13 hydrochloride (Cat. No. 2847-10, 50)
- Wortmannin (Cat. No. 1670-1)

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