

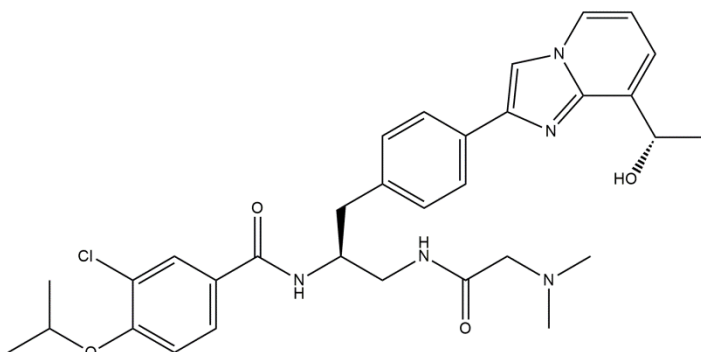
GSK-923295

01/21

ALTERNATE NAMES: 3-chloro-N-[(2S)-1-[[2-(dimethylamino)acetyl]amino]-3-[4-[8-[(1S)-1-hydroxyethyl]imidazo[1,2-a]pyridin-2-yl]phenyl]propan-2-yl]-4-propan-2-yloxybenzamide; 3-Chloro-N-[(1S)-2-[(N,N-dimethylglycyl)amino]-1-[[4-[8-[(1S)-1-hydroxyethyl]imidazo[1,2-a]pyridin-2-yl]phenyl)methyl]ethyl]-4-[(1-methylethyl)oxy]benzamide ; 3-Chloro-N-[(S)-1-(2-(dimethylamino)acetamido)-3-(4-(8-[(S)-1-hydroxyethyl]imidazo[1,2-a]pyridin-2-yl)phenyl)propan-2-yl)-4-isopropoxybenzamide; GSK923295A

CATALOG #: B3104-1 1 mg
B3104-5 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₃₂H₃₈ClN₅O₄

MOLECULAR WEIGHT: 592.13

CAS NUMBER: 1088965-37-0

APPEARANCE: White to off-white powder

PURITY: ≥ 97%

SOLUBILITY: ~30 mg/ml in DMSO

DESCRIPTION: GSK-923295 is an allosteric inhibitor of CENP-E kinesin motor ATPase activity. It inhibits CENP-E microtubule-stimulated ATPase activity with a K_i of 3.2 ± 0.2 nM. It inhibits the growth of tumor cell lines with growth inhibitory activity (GI₅₀) values ranging from 12 nM to greater than 10,000 nM.

STORAGE TEMPERATURE: -20 °C

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

REFERENCE: Wood, K.W., Lad, L., Luo, L., et al. Antitumor activity of an allosteric inhibitor of centromere-associated protein-E. Proc.Nat.Acad.Sci.USA 107(13), 5839-5844 (2010).

RELATED PRODUCTS:

Monastrol (Cat. No. B2269)
 Epopilone B (Cat. No. 2012)
 Paclitaxel (Cat. No. 1567)
 Vinblastine Sulfate (Cat. No. 1959)
 AZ-3146 (Cat. No. B1145)

DISCLAIMER: **FOR RESEARCH USE ONLY! Not to be used on humans.**