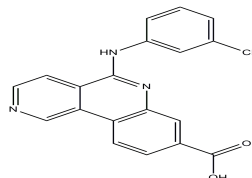


PRODUCT: CX-4945**ALTERNATE NAME:** 5-((3-chlorophenyl)amino)benzo[c][2,6]naphthyridine-8-carboxylic acid; Silmitasertib**CATALOG #:** 2459-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₉H₁₂ClN₃O₂**MOLECULAR WEIGHT:** 349.77**CAS#:** 1009820-21-6**APPEARANCE:** Yellow solid**SOLUBILITY:** DMSO (>60 mg/ml)**PURITY:** >98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** A selective, ATP-competitive, Casein kinase -2 (CK2) inhibitor (K_i = 0.38 nM). Displays potent anti-tumor activity in several cancer cell lines.**REFERENCES:** Dong Z., *et al.* (2013). *Mol Vis.* **19**, 536-543.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

CaMKII antibody (Cat. No. 3883-100)

Phospho-CaMKII antibody (Cat. No. 3384-100)

Active CaMK1b (Cat. No. 7729-5)

Active CaMK1d (Cat. No. 7713-5)

Active CaMK1G (Cat. No. 7736-5)

Active CaMK4 (Cat. No. 7740-5)

K252a (Cat. No. 2013-500, 1000)

KN-93, water-soluble (Cat. No. 1909-1, 5)

FOR RESEARCH USE ONLY! Not to be used in humans.