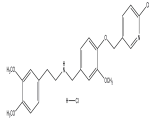


**PRODUCT: SBE13 hydrochloride****ALTERNATE NAME:** N-[[4-[(6-Chloro-3-pyridinyl)methoxy]-3-methoxyphenyl]methyl]-3,4-dimethoxybenzeneethanamine hydrochloride**CATALOG #:** 2847-10, 50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>24</sub>H<sub>27</sub>ClN<sub>2</sub>O<sub>4</sub>.HCl**MOLECULAR WEIGHT:** 479.4**CAS NUMBER:** 1052532-15-6**APPEARANCE:** White solid**SOLUBILITY:** DMSO (>40 mg/ml) or H<sub>2</sub>O (~4 mg/ml with slight warming)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and moisture**DESCRIPTION:** SBE13 HCl is a potent and selective PLK1 (Polo-like kinase 1) inhibitor (IC<sub>50</sub> = 200 pM). Displays activity against PLK2 and PLK3 at higher concentrations (IC<sub>50</sub> values of 66 μM and 875 nM, respectively). Has no effect on Aurora kinase A.**REFERENCES:** Lui, X. (2010). *Cell Cycle* **9**, 445-446.**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)

GSK461364 (Cat. No. 2287-5, 25)

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