

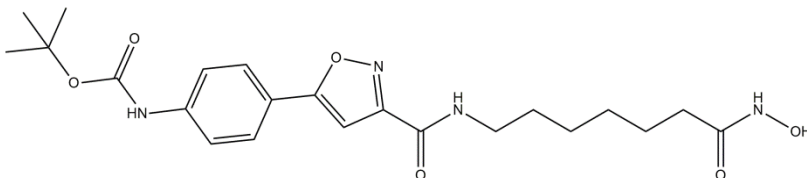
# CAY10603

6/19

**ALTERNATE NAMES:** HDAC6 Inhibitor, tert-butyl N-[4-[3-[[7-(hydroxyamino)-7-oxoheptyl]carbamoyl]-1,2-oxazol-5-yl]phenyl]carbamate, tert-butyl N-[4-[3-[[7-(hydroxyamino)-7-oxoheptyl]carbamoyl]-1,2-oxazol-5-yl]phenyl]carbamate, {4-[3-(6-Hydroxycarbonylhexylcarbamoyl)isoxazol-5-yl]phenyl}carbamic acid tert-butyl ester, Histone Deacetylase Inhibitor VIII

**CATALOG #:** B2819-5 5 mg  
B2819-25 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>22</sub>H<sub>30</sub>N<sub>4</sub>O<sub>6</sub>

**MOLECULAR WEIGHT:** 446.50

**CAS NUMBER:** 1045792-66-2

**APPEARANCE:** Crystalline solid

**PURITY:** >98%

**SOLUBILITY:** ~15 mg/ml in DMSO

**DESCRIPTION:** CAY10603 is a selective inhibitor of Histone deacetylase 6 (HDAC6). The IC<sub>50</sub> for inhibition of HDAC6 is 2 pM, *in vitro*. CAY10603 inhibited growth of various pancreatic cell lines with IC<sub>50</sub> values ranging from 0.1 μM to 1 μM. It induced apoptosis and inhibited the proliferation of lung adenocarcinoma cells.

**STORAGE TEMPERATURE:** -20°C. Store in the dark. Product is light sensitive. Protect from air.

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

**RELATED PRODUCTS:**

TH-34 (Cat. No. B2429)  
 WT-161 (Cat. No. B2219)  
 Citarinostat (Cat. No. B1560)  
 4-Iodo-SAHA (Cat. No. B2800)  
 JGB1741 (Cat. No. B2804)

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