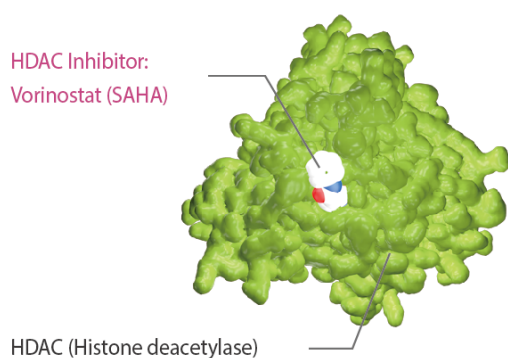


# PTEN

Phosphatase and tensin homolog;MMAC1



PTEN (Phosphatase and tensin homologue deleted on chromosome 10), a phosphoinositide 3-phosphatase, is an important regulator of insulin-dependent signaling. The loss or impairment of PTEN results in an antidiabetic impact, which led to the suggestion that PTEN could be an important target for drugs against type II diabetes. PTEN has a much wider active site cleft enabling it to bind the PtdIns(3,4,5)P3 substrate. a highly potent and specific inhibitor of PTEN that increases cellular PtdIns(3,4,5)P3 levels, phosphorylation of Akt, and glucose uptake in adipocytes at nanomolar concentrations.

## PTEN Inhibitors & Modulators

### SF1670

(PTPase CD45 Inhibitor)

Cat. No.: HY-15842

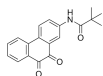
**Bioactivity:** SF1670 is a potent and specific phosphatase and tensin homolog deleted on chromosome 10 (**PTEN**) inhibitor.

**Purity:** 98.0%

**Clinical Data:** No Development Reported

**Size:** 10mM x 1mL in DMSO,

5 mg, 10 mg, 25 mg, 50 mg, 100 mg



### VO-Ohpic trihydrate

(VO-Ohpic)

Cat. No.: HY-13074

**Bioactivity:** VO-Ohpic trihydrate is a highly potent inhibitor of **PTEN** with an **IC<sub>50</sub>** of 46±10 nM.

**Purity:** 98.0%

**Clinical Data:** No Development Reported

**Size:** 10mM x 1mL in DMSO,

5 mg, 10 mg, 50 mg, 100 mg, 200 mg

