

**PRODUCT:****SMI-16a****ALTERNATE NAME:**

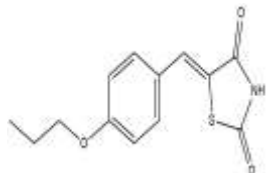
(Z)-5-(4-Propoxybenzylidene)thiazolidine-2,4-dione; Pim1/2 Inhibitor IV

**CATALOG #:**

B2275-5,25

**AMOUNT:**

5 mg, 25 mg

**STRUCTURE:****MOLECULAR FORMULA:**C<sub>13</sub>H<sub>13</sub>NO<sub>3</sub>S**MOLECULAR WEIGHT:**

263.31

**CAS NUMBER:**

587852-28-6

**APPEARANCE:**

Crystalline solid

**SOLUBILITY:**

DMSO

**PURITY:**

≥98% by HPLC

**STORAGE:**

Store at -20°C. Protect from air and light

**DESCRIPTION:**SMI-16a is a potent, cell-permeable, ATP-competitive inhibitor of Pim-1/2 kinases (IC<sub>50</sub> = 150 nM and 20 nM against Pim-1 and Pim-2, respectively).**REFERENCES:**Kreuz, S., *et al.* (2015). *Mol. Cancer* **14**, 205.**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)

SMI-16a (Cat. No. B2275-5,25)

TCS-PIM-1-1 (Cat. No. 2848-10,50)

TP-3654 (Cat. No. B2229-5,25)

Wortmannin (Cat. No. 1670-1)

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