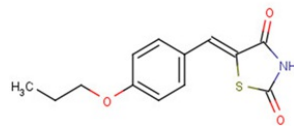


Product Name	: SMI-16a
Synonyms	: Pim1/2 Inhibitor IV; PIM1/2 Kinase Inhibitor VI
Cat No.	: M17550
CAS Number	: 587852-28-6
Molecular Formula	: C ₁₃ H ₁₃ NO ₃ S
Formula Weight	: 263.31
Chemical Name	: (Z)-5-(4-Propoxybenzylidene)thiazolidine-2,4-dione
Description	: SMI-16a, also known as Pim1/2 Inhibitor IV, is a potent, cell-permeable, ATP-competitive inhibitor of Pim-1/2 kinases (IC ₅₀ = 150 nM and 20 nM against Pim-1 and Pim-2, respectively).
Pathway	: GPCR/G Protein
Target	: GPCR19
Receptor	: Pim1; Pim2
Solubility	: DMSO : ≥ 150 mg/mL; 569.67 mM
SMILES	: <chem>CCCC1=CC=C(C=C1)/C=C2/C(=O)NC(=O)S2</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Xia Z., et al. Synthesis and evaluation of novel inhibitors of Pim-1 and Pim-2 protein kinases. J Med Chem. 2009 Jan 8;52(1):74-86.