

Product Name	: Pim-1/2 kinase inhibitor 1
Synonyms	: —
Cat No.	: M37616
CAS Number	: 6320-51-0
Molecular Formula	: C ₁₁ H ₉ NO ₃ S
Formula Weight	: 235.26
Chemical Name	: —
Description	: Pim-1/2 kinase inhibitor 1 is an orally active pim-1/2 kinase inhibitor. Pim-1/2 kinase inhibitor 1 blocks the ability of Pim kinases to phosphorylate peptides, and inhibits the pim protein kinase directed phosphorylation of 4E-BP1 and p27Kip1. Pim-1/2 kinase inhibitor 1 can be used in study of cancer, especially prostate cancer.
Pathway	: JAK/STAT Signaling
Target	: Pim
Receptor	: Pim
Solubility	: In Vitro: ?DMSO : 250 mg/mL (1062.65 mM; Ultrasonic (<60°C)
SMILES	: COc1ccc(C=C2SC(=O)NC2=O)cc1
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Charles D. Smith, et al. Inhibitors of PIM-1 Protein Kinases, Compositions and Methods for Treating Prostate Cancer. Patent US20110263664A1.