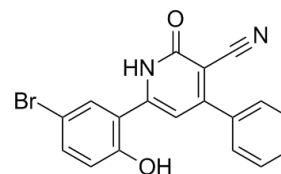


Product Name	: TCS PIM-1 1
Synonyms	: SC 204330; TCS PIM 1-1
Cat No.	: M14650
CAS Number	: 491871-58-0
Molecular Formula	: C ₁₈ H ₁₁ BrN ₂ O ₂
Formula Weight	: 367.20
Chemical Name	: 3-Pyridinecarbonitrile, 6-(5-bromo-2-hydroxyphenyl)-1,2-dihydro-2-oxo-4-phenyl-
Description	: A potent, selective, ATP-competitive Pim-1 kinase inhibitor with IC ₅₀ of 50 nM; displays >400-fold selectivity over Pim-2 and MEK1/2.
Pathway	: JAK/STAT Signaling
Target	: Pim
Receptor	: Pim1
Solubility	: DMSO: ≥ 52 mg/mL
SMILES	: <chem>C1=CC=C(C(=C1)C2=C(C(=O)NC(=C2)C3=C(C=CC(=C3)Br)O)C#N</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Cheney IW, et al. Bioorg Med Chem Lett. 2007 Mar 15;17(6):1679-83.