

Product Name	: JAK2-IN-6
Synonyms	: —
Cat No.	: M35208
CAS Number	: 353512-04-6
Molecular Formula	: C ₁₄ H ₁₀ ClN ₃ OS ₂
Formula Weight	: 335.83
Chemical Name	: —
Description	: JAK2-IN-6, a multiple-substituted aminothiazole derivative, is a potent and selective JAK2 inhibitor with an IC ₅₀ of 22.86 µg/mL. JAK2-IN-6 shows no activity against JAK1 and JAK3. JAK2-IN-6 has anti-proliferative effect against cancer cells.
Pathway	: Angiogenesis
Target	: JAK
Receptor	: JAK
Solubility	: In Vitro: ?DMSO : 60 mg/mL (178.66 mM; ultrasonic and adjust pH to 5 with HCl)
SMILES	: <chem>Nc1nc(Nc2ccccc2)sc1C(=O)c1ccc(Cl)s1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Ting-Ting Yao, et al. Integration of pharmacophore mapping and molecular docking in sequential virtual screening: towards the discovery of novel JAK2 inhibitors. RSC Adv., 2017, 7, 10353-10360.