

Product Datasheet

JAK2-IN-6 (orb1690587)

Catalog Number	orb1690587
Category	Small Molecules
Description	JAK2-IN-6 is a potent and selective aminothiazole-based JAK2 inhibitor (IC ₅₀ = 22.86 µg/mL) with antiproliferative effects, showing no activity against JAK1/JAK3. It is a valuable research tool for studying JAK2-driven signaling in pathologies like myeloproliferative neoplasms and for conducting in vitro cellular proliferation assays.
Target	JAK
Purity	98.00% (May vary between batches)
MW	335.83
Target Areas	JAK
Solubility (25°C)	DMSO:55 mg/mL (163.77 mM)
CAS Number	353512-04-6
Formula	C ₁₄ H ₁₀ ClN ₃ OS ₂
SMILES	<chem>Nc1nc(Nc2cccc2)sc1C(=O)c1ccc(Cl)s1</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558