

Product Datasheet

AKI603 (orb1685708)

Catalog Number	orb1685708
Category	Small Molecules
Description	AKI603 is a potent and selective Aurora kinase A (AurA) inhibitor with an IC ₅₀ of 12.3 nM. It was developed to target BCR-ABL-T315I mutation-driven resistance, demonstrating robust anti-proliferative effects in leukemic cell lines in vitro and showing potential for leukemia research.
Target	Aurora Kinase
Purity	99.81% (May vary between batches)
MW	409.45
Target Areas	Aurora Kinase
Solubility (25°C)	DMSO:120 mg/mL (293.08 mM)
CAS Number	1432515-73-5
Formula	C ₁₉ H ₂₃ N ₉ O ₂
SMILES	CN1CCN(CC1)c1cc(Nc2cc(C)[nH]n2)nc(Nc2ccc(cc2)[N+][O-])=O)n1
Storage	Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
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
United States

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