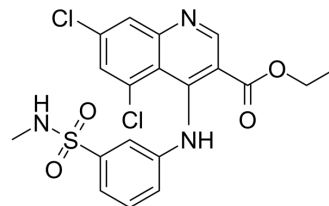


Aurora kinase inhibitor-9

Cat. No.:	HY-147703
CAS No.:	2419107-09-6
Molecular Formula:	C ₁₉ H ₁₇ Cl ₂ N ₃ O ₄ S
Molecular Weight:	454.33
Target:	Aurora Kinase
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Aurora kinase inhibitor-9 (compound 9d) is a potent AURKA/B dual aurora kinase inhibitor with IC ₅₀ s of 0.093, 0.09 μM for Aurora A, Aurora B, respectively. Aurora kinase inhibitor-9 shows broad spectrum anti-proliferative activity ^[1] .	
IC ₅₀ & Target	Aurora A 0.093 μM (IC ₅₀)	Aurora B 0.09 μM (IC ₅₀)

REFERENCES

[1]. Al-Sanea MM, et al. Sulfonamide-based 4-anilinoquinoline derivatives as novel dual Aurora kinase (AURKA/B) inhibitors: Synthesis, biological evaluation and in silico insights. *Bioorg Med Chem.* 2020 Jul 1;28(13):115525.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA