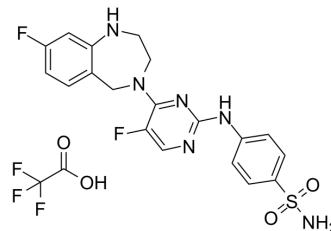


Aurora kinase inhibitor-10

Cat. No.:	HY-147993
CAS No.:	2417228-90-9
Molecular Formula:	C ₂₁ H ₁₉ F ₅ N ₆ O ₄ S
Molecular Weight:	546.47
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-10 (Compound 6c) is an orally active Aurora B inhibitor with an IC ₅₀ of 8 nM. Aurora kinase inhibitor-10 shows antitumor activity ^[1] .
IC₅₀ & Target	Aurora B 8 nM (IC ₅₀)
In Vitro	Aurora kinase inhibitor-10 (Compound 6c) shows antiproliferation activity with IC ₅₀ values of 0.57 ± 0.23, 0.42 ± 0.20, 0.69 ± 0.30, 3.97 ± 0.67 and 1.53 ± 0.52 μM against MCF-7, MDA-MB 231, SkoV3, A375 and A549, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Tamizharasan N, et al. Discovery and optimization of novel phenyldiazepine and pyridodiazepine based Aurora kinase inhibitors. *Bioorg Chem.* 2020 Jun;99:103800.

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

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