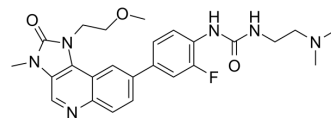


ATM Inhibitor-3

Cat. No.:	HY-144686
Molecular Formula:	C ₂₅ H ₂₉ FN ₆ O ₃
Molecular Weight:	480.53
Target:	ATM/ATR; PI3K; mTOR
Pathway:	Cell Cycle/DNA Damage; PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	ATM Inhibitor-3 (compound 34) is a potent and selective ATM inhibitor, with an IC ₅₀ of 0.71 nM. ATM Inhibitor-3 shows inhibition of PI3K kinases family. ATM Inhibitor-3 exhibits favorable metabolic stability ^[1] .		
IC₅₀ & Target	ATM 0.71 nM (IC ₅₀)	PI3K	mTOR

REFERENCES

[1]. Dimitrov T, et al. Development of novel urea-based ATM kinase inhibitors with subnanomolar cellular potency and high kinome selectivity. Eur J Med Chem. 2022 May 5;235:114234.

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

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