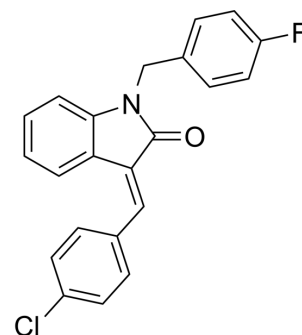


## Anticancer agent 29

Cat. No.:	HY-115942
CAS No.:	2907774-89-2
Molecular Formula:	C <sub>22</sub> H <sub>15</sub> ClFNO
Molecular Weight:	363.81
Target:	CDK
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Anticancer agent 29 (Compd E/Z-6f) is an anticancer agent, with IC <sub>50</sub> values of 0.054 μM, 0.127 μM, 0.129 μM, 0.396 μM for CDK2, CDK1, CDK4 and CDK6, respectively <sup>[1]</sup> .			
<b>IC<sub>50</sub> &amp; Target</b>	CDK2/cyclinE 0.054 μM (IC <sub>50</sub> )	CDK1/cyclinB1 0.127 μM (IC <sub>50</sub> )	CDK4 0.129 μM (IC <sub>50</sub> )	CDK6 0.396 μM (IC <sub>50</sub> )

### REFERENCES

[1]. Hend A A Abd El-Wahab, et al. New cell cycle checkpoint pathways regulators with 2-Oxo-indoline scaffold as potential anticancer agents: Design, synthesis, biological activities and in silico studies. Bioorg Chem. 2022 Jan 15;120:105622.

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

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