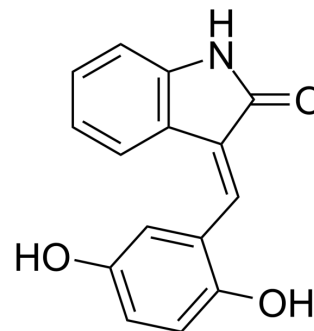


Tripolin A

Cat. No.:	HY-124330
CAS No.:	1148118-92-6
Molecular Formula:	C ₁₅ H ₁₁ NO ₃
Molecular Weight:	253.25
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	Tripolin A ((E)-Tripolin A) is a specific non-ATP competitive Aurora A kinase inhibitor, with IC ₅₀ values of 1.5 μM and 7 μM for Aurora A and Aurora B, respectively ^[1] .
IC ₅₀ & Target	IC ₅₀ : 1.5 μM (Aurora A), 7 μM (Aurora B) ^[1] .
In Vitro	Tripolin A induces mitotic spindle defects and spindle pole abnormalities ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Iliana A Kesisova, et al. Tripolin A, a Novel Small-Molecule Inhibitor of Aurora A Kinase, Reveals New Regulation of HURP's Distribution on Microtubules. PLoS One. 2013;8(3):e58485.

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

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