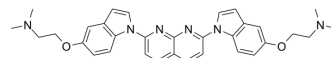


L5-DA

Cat. No.:	HY-144712
Molecular Formula:	C ₃₂ H ₃₄ N ₆ O ₂
Molecular Weight:	534.65
Target:	G-quadruplex; Apoptosis
Pathway:	Cell Cycle/DNA Damage; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

L5-DA is a G-quadruplex (G4) ligand and selectively stabilized for G4s over ds26. L5-DA exhibits significant cytotoxicity against HeLa cells (IC₅₀=4.3 μM). L5-DA stabilizes G4s in HeLa cells, induces apoptosis, and cell cycle arrest^[1].

REFERENCES

[1]. Wang Y, et al. A naphthyridine-indole ligand for selective stabilization of G-quadruplexes and conformational conversion of hybrid topology. *Bioorg Med Chem.* 2021;48:116416.

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

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