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Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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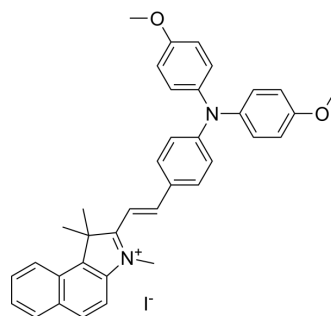
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G-quadruplex ligand 2

| | |
|---------------------------|---|
| Cat. No.: | HY-158126 |
| Molecular Formula: | C ₃₇ H ₃₅ N ₂ O ₂ |
| Molecular Weight: | 666.59 |
| Target: | DNA/RNA Synthesis |
| Pathway: | Cell Cycle/DNA Damage |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

G-quadruplex ligand 2 (compound A3) is a triphenylamine-based ligand that targets mitochondrial DNA G4s. G-quadruplex ligand 2 activates the cGAS-STING pathway. G-quadruplex ligand 2 inhibits tumor growth and metastasis via regulation of TME^[1].

REFERENCES

[1]. Xiao-Dong Wang, et al. Discovery of a triphenylamine-based ligand that targets mitochondrial DNA G-quadruplexes and activates the cGAS-STING immunomodulatory pathway. *Eur J Med Chem.* 2024.

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

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