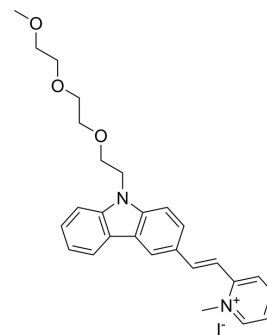


## G-quadruplex DNA fluorescence probe 1

Cat. No.:	HY-147652
Molecular Formula:	C <sub>27</sub> H <sub>31</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight:	558.45
Target:	DNA Stain
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

G-quadruplex DNA fluorescence probe 1 (Compound E1) is a selective G-quadruplex DNA targeting fluorescent probe. G-quadruplex DNA fluorescence probe 1 can pass through membrane and enter living cells with low cytotoxicity<sup>[1]</sup>.

### REFERENCES

[1]. Yu QQ, et al. Carbazole-based fluorescent probes for G-quadruplex DNA targeting with superior selectivity and low cytotoxicity. *Bioorg Med Chem.* 2020 Sep 1;28(17):115641.

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

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