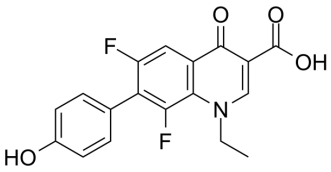
CP-67804

Cat. No.:	HY-113642
CAS No.:	103978-08-1
Molecular Formula:	$C_{18}H_{13}F_2NO_4$
Molecular Weight:	345.3
Target:	Topoisomerase
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CP-67804 is a quinolone derivative, is a topoisomerase II-targeted agent. CP-67804 effectively enhances DNA cleavage mediated by eukaryotic topoisomerase II. CP-67804 has potential as an antineoplastic agent[1].
IC_{50} & Target	Topoisomerase II
In Vitro	CP-67804 increases topoisomerase II-mediated DNA breakages by enhancing the enzyme's forward rate of cleavage[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Robinson MJ, et al. Effects of quinolone derivatives on eukaryotic topoisomerase II. A novel mechanism for enhancement of enzyme-mediated DNA cleavage. J Biol Chem. 1991;266(22):14585-14592.

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

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