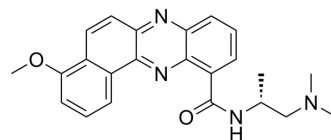


## XR11576

Cat. No.:	HY-123143
CAS No.:	346689-77-8
Molecular Formula:	C <sub>23</sub> H <sub>24</sub> N <sub>4</sub> O <sub>2</sub>
Molecular Weight:	388.46
Target:	Topoisomerase
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

XR11576 (MLN576) is an orally active inhibitor of topoisomerase I and II. XR11576 shows cytotoxicity against human and murine tumor cell lines (IC<sub>50</sub>: 6-47 nM)<sup>[1]</sup>.

### REFERENCES

- [1]. Di Nicolantonio F, et al. Ex vivo characterization of XR11576 (MLN576) against ovarian cancer and other solid tumors. *Anticancer Drugs*. 2004 Oct;15(9):849-60.
- [2]. Mistry P, et al. In vitro and in vivo characterization of XR11576, a novel, orally active, dual inhibitor of topoisomerase I and II. *Anticancer Drugs*. 2002 Jan;13(1):15-28.

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

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