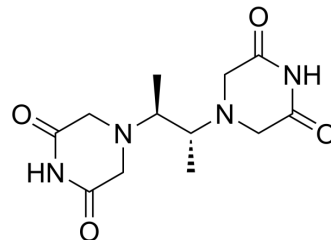


## ICRF-193

Cat. No.:	HY-118590
CAS No.:	21416-88-6
Molecular Formula:	C <sub>12</sub> H <sub>18</sub> N <sub>4</sub> O <sub>4</sub>
Molecular Weight:	282.3
Target:	Topoisomerase
Pathway:	Cell Cycle/DNA Damage
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### BIOLOGICAL ACTIVITY

#### Description

ICRF-193 is an Topoll inhibitor. (S,S)- and (R,R)-isomers ICRF-193 make up an racemic mixture, ICRF-196 (HY-118590A). ICRF-196 can be used for the research of cancer<sup>[1]</sup>.

### REFERENCES

[1]. Snapka RM, et al. Inhibition of topoisomerase II by ICRF-193, the meso isomer of 2,3-bis(2,6-dioxopiperazin-4-yl)butane. Critical dependence on 2,3-butanediyl linker absolute configuration. *Biochem Pharmacol.* 1996;52(4):543-549.

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

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