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Product Datasheet

ICRF-193 FBM-10-5056

Artikelname	ICRF-193
Artikelnummer	FBM-10-5056
Hersteller Artikelnummer	10-5056
Alternativnummer	FBM-10-5056-1MG,FBM-10-5056-5MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Topoisomerase II inhibitor...
Molekulargewicht	282.3
Reinheit	>98% by TLC NMR (Conforms)
Formulierung	Off-white solid
CAS Nummer	[21416-88-6]
Formel	C12H18N4O4
Anwendungsbeschreibung	ICRF-193 is a topoisomerase II poison. ¹ Topoisomerase poisons are a special subclass of topoisomerase inhibitors that stabilize topoisomerase-DNA strand passing intermediates and thus cause the topoisomerases to become a cytotoxic DNA-damaging agent. ¹ It readily induces DNA strand breaks in V79 and irs-2 Chinese hamster lung fibroblasts via a novel mechanism. ² Displays cardioprotective (against anthracycline toxicity) ³ and anti-inflammatory effects via reduction of IL-1 β secretion by macrophages ⁴ . An important tool for studying the cellular response to DNA double-strand breaks. ⁵