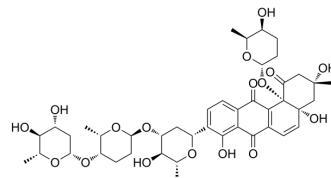


Urdamycin A

Cat. No.:	HY-N8502
CAS No.:	98474-21-6
Molecular Formula:	C ₄₃ H ₅₆ O ₁₇
Molecular Weight:	844.89
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Urdamycin A (Compound 3b) is an angucycline antibiotic that can be isolated from *Streptomyces fradiae*. Urdamycin A is an orange indicator with a change of the color to ultramarine blue at pH 7.7. Urdamycin A has anticancer activity with IC₅₀s of 2.4 and 0.55 µg/mL in proliferation and stem cell assays, respectively^[1].

REFERENCES

[1]. Drautz H, et al. Metabolic products of microorganisms. 234. Urdamycins, new angucycline antibiotics from *Streptomyces fradiae*. I. Isolation, characterization and biological properties. *J Antibiot (Tokyo)*. 1986 Dec;39(12):1657-69.

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

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