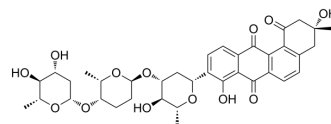


## Urdamycin B

Cat. No.:	HY-N8519
CAS No.:	104542-46-3
Molecular Formula:	C <sub>37</sub> H <sub>44</sub> O <sub>13</sub>
Molecular Weight:	696.74
Target:	Bacterial; Fungal; Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Urdamycin B is an antibiotic that effectively inhibits fungi and bacteria. Urdamycin B also exhibits anti-proliferative activity against mouse leukemia cells L1210. Urdamycin B can be obtained from the metabolic products of *Streptomyces fradiae*. Urdamycin B can be used for research on cancer as well as bacterial and fungal infections<sup>[1][2]</sup>.

### 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]. The Journal of Antibiotics, 1986, 39(12): 1657-1669.

[2]. Rohr J, et al. Metabolic products of microorganisms. 240. Urdamycins, new angucycline antibiotics from *Streptomyces fradiae*. II. Structural studies of urdamycins B to F. J Antibiot (Tokyo). 1987 Apr;40(4):459-67.

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

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