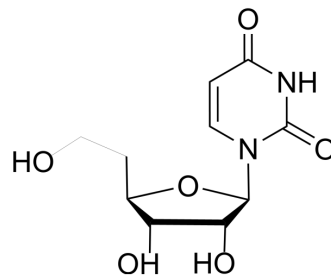


Homouridine

Cat. No.:	HY-154698
CAS No.:	30685-57-5
Molecular Formula:	C ₁₀ H ₁₄ N ₂ O ₆
Molecular Weight:	258.23
Target:	Nucleoside Antimetabolite/Analog
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Homouridine, is an uridine analogue. Homouridine serves as an intermediate to prepare MMP-2 inhibitor (compound I, IC₅₀ =150 μM). Homouridine derivate (compound I) also inhibits TNF-α binding to TNF-αR1^[1].

REFERENCES

[1]. Hsu Li-Wei, et al. Uridine derivatives as matrix metalloproteinase (MMP) and tumor necrosis factor (TNF) inhibitors for the treatment of cancer. European Patent Organization, EP1338282 A1. 2003-08-27.

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

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