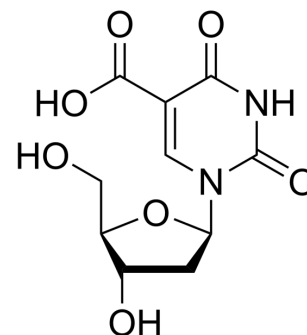


5-Carboxy-2'-deoxyuridine

Cat. No.:	HY-W424779
CAS No.:	14599-46-3
Molecular Formula:	C ₁₀ H ₁₂ N ₂ O ₇
Molecular Weight:	272.21
Target:	Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

5-Carboxy-2'-deoxyuridine is a metabolite of Trifluridine^[1]. 5-Carboxy-2'-deoxyuridine is a methyl oxidation product of Thymidine that can be formed by menadione-mediated photosensitization of Thymidine^[2].

REFERENCES

[1]. V Guerniou, et al. New synthesis of 5-carboxy-2'-deoxyuridine and its incorporation into synthetic oligonucleotides. *Nucleosides Nucleotides Nucleic Acids*. 2003 May-Aug;22(5-8):1073-5.

[2]. D Pavan-Langston, et al. Intraocular penetration of trifluridine. *Am J Ophthalmol*. 1979 Jun;87(6):814-8.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA