



Product Information

Product ID I1257
CAS No. 54-42-2
Chemical Name 2'-Deoxy-5-iodouridine

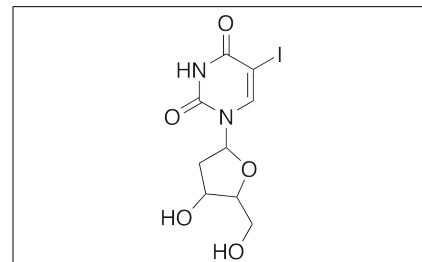
Synonym IdU' IdUR, IUdR, IdUrd, Dendrid, (+)-5-Iodo-2'-deoxyuridine

Formula C₉H₁₁IN₂O₅
Formula Wt. 354.10
Melting Point 164-166°C
Purity ≥98%
Solubility Slightly soluble in water (2 mg/mL), acetone (1.6 mg/mL).

Store Temp -20°C

Ship Temp Ambient

Description Idoxuridine is an antiviral clinically used to treat herpes simplex keratitis and other ocular herpes infections. Idoxuridine is a nucleoside analog of deoxyuridine that is incorporated into DNA, inhibiting chain elongation. Idoxuridine also shows benefit as a radiation/chemotherapy sensitizer in glioma cells.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
I1257	500 mg	\$78.90
I1257	1 g	\$144.30

References Wilhelmus KR. Antiviral treatment and other therapeutic interventions for herpes simplex virus epithelial keratitis. Cochrane Database Syst Rev. 2010 Dec 8;(12):CD002898. PMID: 21154352.

Schultz CJ, Gaffney DK, Lindstrom MJ, et al. Iododeoxyuridine radiosensitization of human glioblastoma cells exposed to acute and chronic gamma irradiation: mechanistic implications and clinical relevance. Cancer J Sci Am. 1995 Jul-Aug;1(2):151-61. Erratum in: Cancer J Sci Am. 1996 Jan-Feb;2(1):15. PMID: 9166468.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.