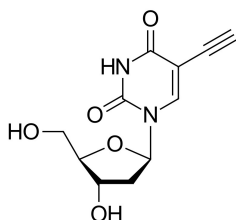


EdU (5-ethynyl-2'-deoxyuridine) (A270202)

Specifications:

Name:	EdU (5-ethynyl-2'-deoxyuridine)
Description:	EdU (ethynyldeoxyuridine) is a nucleoside, an analog of thymidine, carrying an ethynyl group. This nucleoside behaves as a substrate for cellular DNA replication machinery. Then, DNA containing ethynyl groups can be developed by Click chemistry reaction with various dye azides. Fluorescent DNA can be detected by microscopy, or cells can be sorted by FACS.
CAS Number:	61135-33-9
Purity:	95% (by ¹ H NMR and HPLC-MS).
Molecular Formula:	C ₁₁ H ₁₂ N ₂ O ₅
Molecular Weight:	252.22 kDa
Product Form:	Light beige to light brown solid.
Solubility:	Good in water.
Storage:	Shipped at room temperature. Upon delivery, store in the dark at -20°C. Avoid prolonged exposure to light.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

Images:



EdU (ethynyl deoxyuridine) structure.