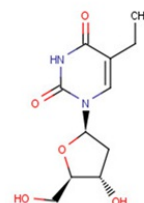


Product Name	: Edoxudine
Synonyms	: Edoxudine; CCRIS 2349; CCRIS2349; Edoxudina
Cat No.	: M18060
CAS Number	: 15176-29-1
Molecular Formula	: C ₁₁ H ₁₆ N ₂ O ₅
Formula Weight	: 256.26
Chemical Name	: 5-Ethyldeoxyuridine



Description	: Edoxudine, an antiviral drug, is an analogue of thymidine and shows effectiveness against the herpes simplex virus. Edoxudine is used as a 5-fluorouracil (FU) modulator. Edoxudine may be used to enhance the therapeutic index of 5-FU by reducing the catabolism, prolonging the plasma and intratumoral concentrations of 5-FU, and offering protection to normal organs by increasing the endogenous uridine levels. It can also enhance the antitumour action of 5-FU.
Pathway	: Metabolic Enzyme/Protease
Target	: PPAR
Receptor	: Antiviral
Solubility	: DMSO : ≥ 125 mg/mL; 487.79 mM
SMILES	: <chem>CCc1cn([C@H]2C[C@H](O)[C@@H](CO)O2)c(=O)[nH]c1=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Kralovanszky, et al. 5-Ethyl-2'-deoxyuridine, a modulator of both antitumour action and pharmacokinetics of 5-fluorouracil[J]. Journal of Cancer Research & Clinical Oncology, 1999, 125(12):675-684.