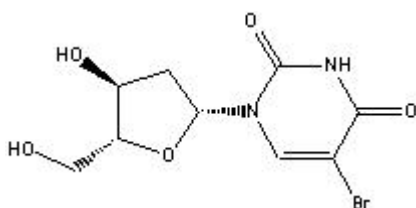


TECHNICAL INFORMATION

Catalog Number: 100171
5-Bromo-2'-deoxyuridine

Structure:



Molecular Formula: C₉H₁₁BrN₂O₅

Molecular Weight: 307.1

CAS # : 59-14-3

Physical Description: White to off white crystalline powder

Solubility: Soluble in water (10 mg/mL or 50-100 mg/mL with heat) or sodium hydroxide (50 mg/mL).

References:

- Changyi Chen, Stephen R. Hanson, Larry K. Keeper, Joseph E. Saavedra, Keith M. Davies, Thomas C. Hutsell, John D. Hurghe, David N. Ku, Alan B. Lumsden, "Boundary layer infusion of nitric Oxide Reduces Early Smooth Muscle Cell Proliferation in the endarterectomized canine artery", *Journal of Surgical Research*, **v. 67**, n 1, January 1997 p 26-32.
- Kenneth H. Fife, Margot Whitfeld, Holly Faust, Michael P. Goheen, Janine Bryan, Darron R. Brown, "Growth of molluscum contagiosum virus in a human foreskin xenograft model", *Virology*, **v. 219**, n 1, December 1, 1996 p 95-101.
- Michail Belyavskiy, Mark Westerman, Leonard DiMichele, Van G. Wilson, "Perturbation of the host cell cycle and DNA replication by the bovine papillomavirus replication protein E1", *Virology*, **v. 219**, n 1, May 1, 1996 p206-219.
- Jon A. Hotchkiss, Jack R. Harkema, Neil F. Johnson, "Kinetics of nasal Epithelial cell loss and proliferation in F344 rats following a single exposure to 0.5 ppm ozone", *Toxicology and Applied Pharmacology*, **v. 143**, n 1, March 1997 p75-82.
- J.E. Rosen, G. Schluter, G.M. Williams, "Lack of effects of ciprofloxacin and the topoisomerase II inhibitors, m-AMSA and nalidixic acid, on DNA repair in cultured rat liver cells", *Toxicology and Applied Pharmacology*, **v. 140**, n 2, October 1996 p254-263.
- David K. La, Robert Schoonhoven, Norio Ito, James A. Swenberg, "The effects of exposure route on DNA adduct formation and cellular proliferation by 1,2,3-trichloropropane", *Toxicology and Applied Pharmacology*, **v. 140**, n 1, September 1996 p108-114.
- A.R. Kraynak, R.D. Storer, R.D. Jensen, M.W. Kloss, K.A. Soper, J.H. Clair, J.G. DeLuca, W.W. Nichols, R.S. Eydeloth, "Extent and persistence of streptozotocin-induced DNA damage and cell proliferation in rat kidney as determined by in vivo alkaline elution and brdurd labeling assays", *Toxicology and Applied Pharmacology*, **v. 135**, n 2, December 1995 p279-286.
- Arthur S. Tischler, Jeffrey Ziar, John C. Downing, R. Michael McClain, "Sustained stimulation of rat adrenal chromaffin cell proliferation by reserpine", *Toxicology and Applied Pharmacology*, **v. 135**, n 2, December 1995 p254-257.
- Faqian Li, Xuejun Wang, Joseph M. Capasso, A. Martin Gerdes, "Rapid transition of cardiac myocytes from hyperplasia to hypertrophy during postnatal development", *Journal of Molecular and Cellular Cardiology*, **v. 28**, n 8, August 1996 p 737-1746
- Sonia Higuera, Ramon Romero, "Comparative effects of pravastatin-induced DNA synthesis on serum-stimulated synchronized and proliferative rat mesangial cells", *Pharmacological Research*, **v. 34**, n3/4, September/October 1996 p117-120.