

Product Data Sheet

Product Name: Sorivudine

Cat. No.: GC39552

Chemical Properties

Cas. No. 77181-69-2

SMILES O=C1NC(C(/C=C/Br)=CN1[C@H]2[C@H]([C@@H]([C@@H](CO)O2)O)O)=O

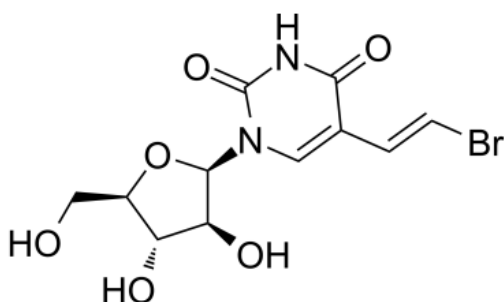
Formula $C_{11}H_{13}BrN_2O_6$ M.Wt 349.13

Solubility DMSO: 250 mg/mL (716.07 mM) Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Sorivudine (BV-araU) is an orally active synthetic pyrimidine nucleoside antimetabolite drug. Sorivudine derives its antiviral activity from selective conversion by a specific thymidine kinase present in certain DNA viruses to nucleotides, which can in turn interfere with viral DNA synthesis[1].

[1]. Diasio RB, et al. Sorivudine and 5-fluorouracil; a clinically significant drug-drug interaction due to inhibition of dihydropyrimidine dehydrogenase. Br J Clin Pharmacol. 1998 Jul;46(1):1-4. [2]. Whitley RJ, et al. Sorivudine: a potent inhibitor of varicella zoster virus replication. Adv Exp Med Biol.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

1996;394:41-4.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA