
Product Data Sheet

Product Name: (R)-5-O-Benzoyl-1,2-di-O-isopropylidene-alpha-D-xylofuranose
Cat. No.: GC69793

Chemical Properties

Cas. No. 6612-91-5

Formula $C_{15}H_{18}O_6$ M.Wt 294.3

Solubility 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

(R)-5-O-Benzoyl-1,2-di-O-isopropylidene-alpha-D-xylofuranose is a purine nucleoside analog. Purine nucleoside analogs have broad antitumor activity targeting indolent lymphoid malignancies. Anticancer mechanisms in this process rely on inhibition of DNA synthesis, induction of **apoptosis**, etc^[1].

[1]. Robak T, Robak P. Purine nucleoside analogs in the treatment of rarer chronic lymphoid leukemias. *Curr Pharm Des.* 2012;18(23):3373-88.

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