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(71) Applicant (for all designated States except US): **ANADYS PHARMACEUTICALS, INC.** [US/US]; 3115 Merryfield Row, San Diego, CA 92121 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KUCERA, David** [US/US]; 14099 Recuerdo Drive, Del Mar, CA 92014(US). **HALEY, Gregory, J.** [US/US]; 5839 Aster Meadows Place, San Diego, CA 92130 (US). **RUEDEN, Erik, J.** [US/US]; 9939 Maya Linda Road #41, San Diego, CA 92126 (US). **WANG, Tingmin**; 13309 Deer Canyon Pl., San Diego, CA 92129 (US).(74) Agents: **PINO, Mark, J.** et al.; Connolly Bove Lodge & Hutz LLP, 1875 Eye Street, NW, Suite 1100, Washington, DC 20006 (US).

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(54) Title: P-TOLUENE SULFONIC ACID SALT OF 5-AMINO-3-(2'-O-ACETYL-3'-DEOXY-β-D-RIBOFURANOSYL)-3H-THIAZOLE [4, 5-D] PYRIMIDINE-2-ONE AND METHODS FOR PREPARATION

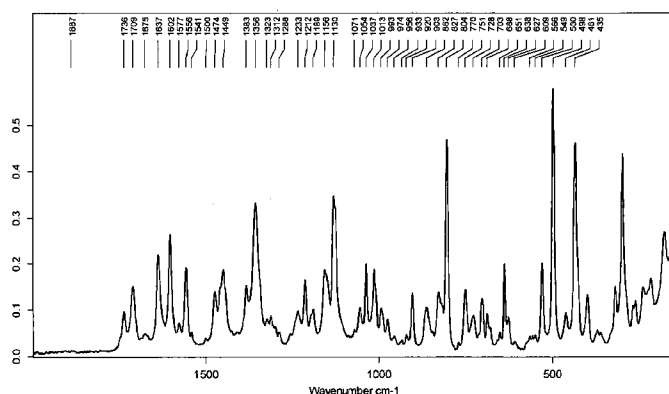
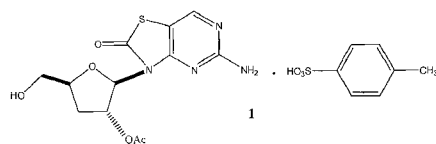


Fig. 1 : FT-Raman spectrum of Formula (1)



(57) Abstract: The present disclosure relates to p-toluene sulfonic acid salt of 5-amino-3-(2'-O-acetyl-3'-deoxy-beta-D-ribofuranosyl)-3H-thiazolo[4,5-d]pyrimidin-2-one and to its use in treating conditions such as viral infections, tumors, and cancer. Also disclosed is a method of preparing the p-toluene sulfonic acid salt of 5-amino-3-(2'-O-acetyl-3'-deoxy-beta-D-ribofuranosyl)-3H-thiazolo[4,5-d]pyrimidin-2-one and methods for producing furanose compounds which are useful intermediates in the preparation of pharmaceutical compounds such as p-toluene sulfonic acid salt of 5-amino-3-(2'-O-acetyl-3'-deoxy-beta-D-ribofuranosyl)-3H-thiazolo[4,5-d]pyrimidin-2-one and the like.



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