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Basic Study

Novel PDGFR and VEGFR dual kinase inhibitor for fibropolycystic hepato-renal disease

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Abstract

AIM

To evaluate a novel platelet-derived growth factor receptor and vascular endothelial growth factor receptor dual kinase inhibitor, ANG3070 in a polycystic kidney disease-congenital hepatic fibrosis model.

METHODS

At 6 wk of age, PCK rats were randomized to vehicle or ANG3070 for 4 wk. At 10 wk, 24 h urine and

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2016年1月18日 - Keywords: tyrosine **kinase inhibitors**, liver fibrosis, clinical trials, preclinical ... Liver fibrosis affects 100s of millions of **patients** worldwide, which ... Tyrosine Kinases as Modulators of **Hepatic** Stellate Cells Activation ... **VEGFR-1**, **VEGFR-2**, **VEGFR-3**, **PDGFR- α** , **PDGFR- β** , **FGFR-1**, **EGFR**, **c-Kit**, **Fit-3**, **Bcr/Abl** ...

缺少字词: **fibropolycystic**

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作者: MH Jang - 2014 - 被引用次数: 6 - 相关文章

2014年12月24日 - Caroli's disease (CD) is a rare congenital disorder characterized by ... congenital **hepatic** fibrosis (CHF) and autosomal recessive polycystic **kidney disease**.^{2,3} The ductal plate of the human fetal liver is a **double**-layered, wreath-like, keratin ... Pediatric liver transplantation for **fibropolycystic** liver disease.

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Src kinase inhibition reduces inflammatory and cytoskeletal changes in ΔF508 ... Ras/ERK/HIFα pathway leading to increased autocrine/paracrine VEGF-A signalling. ... may represent a novel therapeutic target to slow the progression of the disease. ... Unlabelled: Congenital hepatic fibrosis (CHF) is a disease of the biliary ...

Development of the bile ducts: Essentials for the clinical hepatologist ...

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PCP is a process that is con- integrity and function of the biliary epithelium [23–25]. ... in fibropolycystic liver diseases (see below) [16]. strict harmony with hepatic ... On the other ducts produce VEGF-A that in turn acts on endothelial cells and ... with increased cholangiocyte original phenotype through "lateral inhibition" [41].

Fibropolycystic Liver Disease: CT and MR Imaging Findings ...

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作者: G Brancatelli - 2005 - 被引用次数: 140 - 相关文章

Patients with congenital hepatic fibrosis typically have imaging evidence of liver morphologic abnormalities, varices, splenomegaly, renal lesions, and other ...

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sive polycystic kidney disease (ARPKD) and its liver-related pheno- ... cases of cystic liver disease, the pathologic condition targets the biliary ... ney and hepatic disease 1) gene, encoding for fibrocystin, a protein The double layered ductal els with VEGFR-2 inhibitors significantly reduced liver cysts area and.