



上海源叶生物科技有限公司
Shanghai yuanye Bio-Technology Co., Ltd
电话: 021-61312973 传真: 021-55068248
网址: www.shyuanye.com
邮箱: shyysw@sina.com

产品名称: **nitroflurbiprofen**

产品别名: **硝基氟比洛芬; HCT 1206; NO-flurbiprofen; Nitroxybutyl flurbiprofen**

生物活性:	
Description	Nitroflurbiprofen is a cyclooxygenase (COX) inhibitor with nitric oxide (NO)-donating properties, modulates the increased intrahepatic vascular tone in portal hypertensive cirrhotic rats.
IC₅₀ & Target	COX[1]
In Vivo	In vivo hemodynamic measurements (n = 8/condition) and evaluation of the increased intrahepatic resistance by in situ perfusion (n=5/condition) are performed in rats with thioacetamide-induced cirrhosis that receive either Nitroflurbiprofen (45 mg/kg), Flurbiprofen (30 mg/kg, equimolar concentration to Nitroflurbiprofen), or vehicle by intraperitoneal injection 24 hours and 1 hour prior to the measurements. Treatment with Nitroflurbiprofen, an NO-releasing cyclooxygenase inhibitor, improves portal hypertension without major adverse effects in thioacetamide-induced cirrhotic rats by attenuating intrahepatic vascular resistance, endothelial dysfunction, and hepatic hyperreactivity to vasoconstrictors[1].
References	[1]. Laleman W, et al. Nitroflurbiprofen, a nitric oxide-releasing cyclooxygenase inhibitor, improves cirrhotic portalhypertension in rats. Gastroenterology. 2007 Feb;132(2):709-19.

源叶生物