



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: **ETHANOL,**
2-[2-[4-(5-OXIDODIBENZO[B,F][1,4]THIAZEPIN-11-YL)-1-PIPERAZINYL]E
THOXY]-,DIHYDROCHLORIDE

产品别名: **Quetiapine sulfoxide dihydrochloride; 喹硫平亚砷二盐酸盐 ;**
Quetiapine S-oxide dihydrochloride

生物活性:	
Description	Quetiapine sulfoxide dihydrochloride (Quetiapine S-oxide dihydrochloride) is a main metabolite of Quetiapine. Quetiapine is a second-generation antipsychotic[1]. Quetiapine is a 5-HT receptors agonist and a dopamine receptor antagonist[2].
In Vivo	The C_{max} value (mean $\pm$ SD) is estimated for Quetiapine sulfoxide (77.3 $\pm$ 32.4 ng/mL). The AUC_{last} value is estimated for Quetiapine sulfoxide (1,286 $\pm$ 458 ng•h/mL). For Quetiapine sulfoxide, metabolic ratio decreases with time, from 119% on average 2 hours after dosing to 30% on average 72 hours after dosing[1].
References	[1]. Remmerie B, et al. Comparison of Capillary and Venous Drug Concentrations After Administration of a Single Dose of Risperidone, Paliperidone, Quetiapine, Olanzapine, or Aripiprazole. Clin Pharmacol Drug Dev. 2016 Nov;5(6):528-537. [2]. Cross AJ, et al. Quetiapine and its metabolite norquetiapine: translation from in vitro pharmacology to in vivo efficacy in rodent models. Br J Pharmacol. 2016 Jan;173(1):155-66.

源叶生物