



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: **3-[(2,7-Dimethoxy-9-acridinyl)thio]-1-propanamine Hydrochloride**
产品别名: **LDN-192960**

生物活性:	
Description	LDN-192960 is an inhibitor of Haspin and Dual-specificity Tyrosine-regulated Kinase 2 (DYRK2) with IC ₅₀ s of 10 nM and 48 nM, respectively ^[1] .
IC₅₀ & Target	IC ₅₀ : 10 nM (Haspin); 48 nM (DYRK2) ^[1]
In Vitro	LDN-192960 (10 μM) is selective and inhibits ten of the other kinases by ≥90%, with only five being potentially inhibited (IC ₅₀ <1 μM), including CLK1 (IC ₅₀ =0.21 μM), DYRK1A (IC ₅₀ = 0.10 μM), DYRK2 (IC ₅₀ =2 nM), DYRK3 (IC ₅₀ =19 nM) and PIM1 (IC ₅₀ =0.72 μM) ^[1] .
References	[1]. Cuny GD, et al. Structure-activity relationship study of acridine analogs as haspin and DYRK2 kinase inhibitors. Bioorg Med Chem Lett. 2010 Jun 15;20(12):3491-4.

源叶生物