

For Research Use Only

Fostamatinib Disodium

Catalog Number: CM06597

产品信息

Catalog Number:
CM06597

CAS号:
1025687-58-4

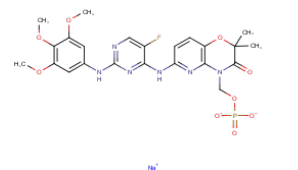
分子式:
 $C_{23}H_{24}FN_6O_9P_2Na$

主要靶点:
FLT|Syk

主要通路:
血管生成|蛋白酪氨酸激酶

分子量:
624.42

溶解度:
Ethanol:<1 mg/mL,H₂O:<1
mg/mL,DMSO:10 mM



靶点活性

Syk:41 nM

体外活性

在小鼠肿瘤模型中,每天R935788 (80 mg/kg) 能够有效抑制 TCL1-002, TCL1-551 和 TCL1-870肿瘤生长.在E μ -TCL1转基因小鼠中,R935788通过阻止抗原依赖性B细胞受体的信号,抑制白血病细胞增殖和存活.

体内活性

在多种弥散性大B细胞淋巴瘤细胞系中 (EC₅₀=0.8-8.1 μ M),R406降低BLNK, Akt, GSK-3, FOXO和ERK 磷酸化,抑制细胞增殖。

细胞实验

Cells are exposed to increasing concentrations of R406 (in vitro active form of R935788) for 48 hours. The percentage of apoptotic cells is determined by double staining with propidium iodide (PI) and annexin-A5–FITC conjugate. Ki-67 staining is performed with the FITC mouse anti–Ki-67 set. Samples are analyzed on a FACSCalibur flow cytometer with CellQuest Version 3.3 software. (Only for Reference)

描述

Fostamatinib Disodium (R788 Disodium) is an orally available Syk kinase inhibitor with potential anti-inflammatory and immunomodulating activities.

储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years

For technical support and original validation data for this product please contact

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.