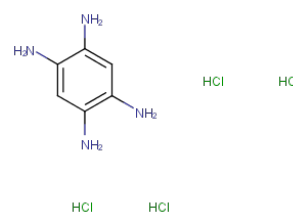


Catalog Number: CM01156

产品信息

Catalog Number:
CM01156CAS号:
4506-66-5分子式:
 $C_6H_{14}Cl_4N_4$ 主要靶点:
FAK主要通路:
蛋白酪氨酸激酶|细胞骨架|血管生成分子量:
284.01溶解度:
H₂O: 59 mg/mL (207.74 mM), Sonification/heating is recommended.

体外活性

Y15 inhibited viability in thyroid cancer cell lines in a dose-dependent manner[1].

细胞实验

Apoptosis assay was done with PE Annexin V Apoptosis Detection Kit (BD) to identify apoptotic nuclei. One hundred millimeter plates were seeded with TPC1, K1, BCPAP and TT cells at a concentration of 1×10^6 cells in normal growth media. After overnight incubation, plates were treated with one of several doses of Y15 or left untreated. After another 24 h of incubation, cells were collected with trypsin, and following centrifugation, were washed with $1 \times$ PBS. Again, cells were centrifuged, PBS was removed and cells were resuspended in binding buffer and filtered through BD mesh tubes. Annexin V and 7-AAD were added to the solution, vortexed and incubated for 15 minutes in the dark. Binding buffer was added and the cells were analyzed by flow cytometry within 1 hour.

描述

Y15 is a potent and specific small-molecule FAK scaffolding inhibitor that inhibits its autophosphorylation activity, blocks tumor growth.

储存

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