

For Research Use Only

Cardiogenol C hydrochloride

Catalog Number: CM17109

产品信息

Catalog Number:
CM17109

CAS号:
1049741-55-0

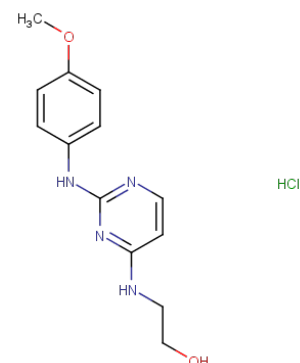
分子式:
C₁₃H₁₇ClN₄O₂

主要靶点:
Wnt/beta-catenin

主要通路:
干细胞|细胞骨架

分子量:
296.75

溶解度:
DMSO:70 mg/mL (235.89
mM); H₂O:2 mg/mL (6.74 mM)



靶点活性

Differentiation of ESCs into cardiomyocytes:100 nM (EC50)

体外活性

Cardiogenol C 可以诱导 HBPCs 表达转录因子 GATA4、Nkx2.5 和 Tbx5，这些是预心肌细胞早期的特异性标志[1]。

细胞实验

Used GMEM plus 5 μM Cardiogenol C and 7.5% ESQ-FBS. The cultures were harvested at different day-intervals after induction for immunohistochemistry, semi-quantitative RT-PCR analysis, western blot analysis and comparative proteomic[1].

储存

Powder: -20°C for 3 years | In solvent: -80°C for 1 year | Shipping with blue ice.