
Cardiogenol C HCl

产品编号: D51509

CAS: 1049741-55-0

分子式: C₁₃H₁₇ClN₄O₂

纯度: ≥98%

InChi: InChI=1S/C₁₃H₁₆N₄O₂.ClH/c1-19-11-4-2-10(3-5-11)16-13-15-7-6-12(17-13)14-8-9-18;/h2-7,18
H,8-9H₂,1H₃,(H₂,14,15,16,17);1H

InChi Key: QQAHYSVJLHCNA-UHFFFAOYSA-N

Smiles: Cl.COC1=CC=C(C=C1)NC1N=C(C=CN=1)NCCO

外观: 固体粉末

作用通路: Wnt

溶解性: Soluble in DMSO

保存条件: Store in dry, dark place for one year.

产品介绍: Cardiogenol C is a diaminopyrimidine compound that induces the differentiation of MHC- (myosin heavy chain) positive cardiomyocytes from embryonic stem cells with an EC₅₀ value of 0.1 μM. Cardiogenol C upregulates cardiac markers and induces cardiac functional properties in lineage-committed progenitor cells. Cardiogenol C can induce Mouse Hair Bulge Progenitor Cells to Transdifferentiate into Cardiomyocyte-like Cells.