
SJA710-6

产品编号: D51545

CAS: 1397255-09-2

分子式: C₂₂H₂₀BrFN₄

纯度: ≥98%

InChi: InChI=1S/C₂₂H₂₀BrFN₄/c1-2-13-28-21(16-5-7-17(23)8-6-16)26-19-11-12-20(27-22(19)28)25-14-15-3-9-18(24)10-4-15/h3-12H,2,13-14H₂,1H₃, (H,25,27)

InChi Key: RPNQWWSSADJSGS-UHFFFAOYSA-N

Smiles: CCCN1C(=NC2=CC=C(NCC3C=CC(F)=CC=3)N=C12)C1C=CC(Br)=CC=1

外观: 固体粉末

作用通路: Others

溶解性: Soluble in DMSO

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

产品介绍: SJA710-6 is a Hepatic Differentiation Inducer which is able to induce the differentiation of rat MSCs (rMSCs) toward hepatocyte-like cells in vitro, where rMSCs treated with SJA710-6 have typical morphological and functional characteristics of hepatic cells, including glycogen storage, urea secretion, uptake of low density lipoprotein (LDL) and expression of hepatocyte-specific genes and proteins. Expression of FoxH1 (FAST1/2) induces the differentiation of rMSCs towards hepatocyte-like cells, suggesting that this gene plays an important role in the hepatic fate specification of rMSCs.