

Product Name : CP21R7

Synonyms : CP21

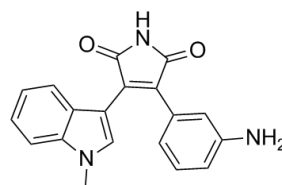
Cat No. : M11014

CAS Number : 125314-13-8

Molecular Formula : C₁₉H₁₅N₃O₂

Formula Weight : 317.34

Chemical Name : 1H-Pyrrole-2,5-dione, 3-(3-aminophenyl)-4-(1-methyl-1H-indol-3-yl)-



Description : A high-affinity, selective GSK3β inhibitor that activates canonical Wnt signaling; promotes rapid and efficient differentiation of human pluripotent stem cells (hPSCs) into vascular endothelial and smooth muscle cells.

Pathway : PI3K/Akt/mTOR signaling

Target : GSK-3

Receptor : GSK-3β

Solubility : DMSO: ≥ 32 mg/mL

SMILES : O=C1C(C1=CC=CC(N)=C1)=C2C3=CN(C)C4=C3C=CC=C4)NC2=O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Patsch C, et al. Nat Cell Biol. 2015 Aug;17(8):994-1003. | 2. Sahara M, et al. Cell Res. 2014 Jul;24(7):820-41.