

Product Name : CMPD-1

Synonyms : CMPD 1;CMPD1

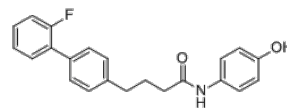
Cat No. : M14412

CAS Number : 41179-33-3

Molecular Formula : C₂₂H₂₀FNO₂

Formula Weight : 349.40

Chemical Name : 4-(2'-fluoro-[1,1'-biphenyl]-4-yl)-N-(4-hydroxyphenyl)butanamide



Description : A potent, selective, non-ATP-competitive inhibitor of p38α-mediated MK2a phosphorylation with apparent K_i of 330 nM; dose not prevents p38α-mediated phosphorylation of MBP and ATF-2; induces a significant G2/M arrest, also inhibits tubulin polymerization in glioblastoma cells.

Pathway : MAPK/ERK Signaling

Target : p38 MAPK

Receptor : p38 MAPK

Solubility : —

SMILES : O=C(NC1=CC=C(O)C=C1)CCCC2=CC=C(C3=CC=CC=C3F)C=C2

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Davidson W, et al. Biochemistry. 2004 Sep 21;43(37):11658-71. 2. Gurgis F, et al. Cell Death Discov. 2015 Sep 7;1:15028.