

Product Name : PKC beta II inhibitor H6

Synonyms : —

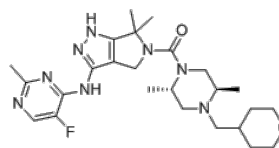
Cat No. : M10233

CAS Number : 1046787-18-1

Molecular Formula : C₂₅H₃₇FN₈O₂

Formula Weight : 500.62

Chemical Name : ((2S,5R)-2,5-dimethyl-4-((tetrahydro-2H-pyran-4-yl)methyl)piperazin-1-yl)(3-((5-fluoro-2-methylpyrimidin-4-yl)amino)-6,6-dimethyl-4,6-dihydropyrrolo[3,4-c]pyrazol-5(1H)-yl)methanone



Description : PKC-IN-1 is a potent PKC beta II inhibitor with K_i of 14.9 nM, extracted from patent WO 2008096260 A1 as compound example H6.

Pathway : Angiogenesis

Target : PKC

Receptor : PKC

Solubility : DMSO : ≥ 25 mg/mL 49.94 mM

SMILES : CC1CN(C(CN1C(=O)N2CC3=C(C2(C)C)NN=C3NC4=NC(=NC=C4F)C)C)CC5CCOCC5

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. 3-Aminopyrrolo[3,4-c]pyrazole-5(1H,4H,6H)carboxaldehyde derivatives as PKC inhibitors and their preparation, pharmaceutical compositions and use in the treatment of diseases. From PCT Int. Appl. (2008), WO 2008096260 A1 20080814.