

Product Name : PS 210

Synonyms : PS210

Cat No. : M10840

CAS Number : 1221962-86-2

Molecular Formula : C₁₉H₁₅F₃O₅

Formula Weight : 380.32

Chemical Name : 2-(3-oxo-1-phenyl-3-(4-(trifluoromethyl)phenyl)propyl)malonic acid

Description : PS 210 is a potent, specific activator of PDK1 that target the PIF-binding pocket of PDK1, does not alter the activity of any of the 121 kinases (S6K, PKB/Akt or GSK3).

Pathway : PI3K/Akt/mTOR signaling

Target : PDK

Receptor : PDK

Solubility : —

SMILES : O=C(O)C(C(=O)C1=CC=CC=C1)CC(C2=CC=C(C(F)(F)F)C=C2)=O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Arkin MR, et al. Chem Biol. 2014 Sep 18;21(9):1102-14. 2. Busschots K, et al. Chem Biol. 2012 Sep 21;19(9):1152-63.

