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## ABC1183

产品编号: D58697

CAS: 1042735-18-1

分子式: C<sub>18</sub>H<sub>14</sub>N<sub>4</sub>O<sub>5</sub>

纯度: 98.53%

InChi Key: InChIKey=CUDLEXBIVZPJBU-UHFFFAOYSA-N

Smiles: N#CC1=CC=C(C=C1)C(=O)C=2SC(=NC2N)NC3=CC=C(C=C3)C

外观: 固体粉末

作用通路: PI3K/Akt/mTOR signaling; Cell Cycle/Checkpoint

作用靶点: GSK-3; CDK

溶解性: DMSO: 3.34 mg/mL (10 mM), Need ultrasonic

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: ABC1183 is a novel diaminothiazole that inhibits GSK3 $\alpha$ , GSK3 $\beta$  and CDK9. ABC1183 inhibits the growth of a numerous cancer cell lines by decreasing cell survival by inducing G2/M arrest and through altering GSK3, glycogen synthetase,  $\beta$ -catenin phosphorylation and MCL1 expression, and is orally active.