
PI-55

产品编号: D55241

CAS: 1122579-42-3

分子式: C₁₃H₁₃N₅O

纯度: 98.04%

InChi Key: InChiKey=LYHDZSQXAKLVHV-UHFFFAOYSA-N

Smiles: OC=1C(=CC=CC1CNC2=NC=NC=3N=CNC32)C

外观: 固体粉末

作用通路: Others

作用靶点: Others

溶解性: DMSO: 11.7mg/mL (45.8mM; ultrasonic and warming and heat to 70°C)

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

产品介绍: PI-55 is a cytokinin receptor inhibitor that exhibits structural similarity to 6-benzylaminopurine (BAP). It competitively inhibits BAP binding on the specific Arabidopsis receptors CRE1/AHK4 and AHK3. Furthermore, PI-55 effectively suppresses cytokinins-induced haustorium formation and enhances parasite aggressiveness [1].