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## FiVe1

产品编号: D52124

CAS: 932359-76-7

分子式: C<sub>18</sub>H<sub>16</sub>Cl<sub>2</sub>N<sub>4</sub>

纯度: 98.78%

InChi Key: InChIKey=DZGXRHIQXADSDH-UHFFFAOYSA-N

Smiles: ClC1=CC=CC(=C1)N2CCN(C3=CN=NC4=C(Cl)C=CC=C43)CC2

外观: 固体粉末

作用通路: Others

作用靶点: Others

溶解性: DMSO: 3.59 mg/mL (10 mM)

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

产品介绍: FiVe1 is a vimentin binding small molecule that promotes the disintegration and phosphorylation of vimentin in the metaphase, leading to mitotic disasters, polynuclearization, and loss of cancer cell dryness. FiVe1 selectively and irreversibly inhibit the growth of mesenchymal transformed breast cancer cells (FOXC2-HMLER cell, IC<sub>50</sub>=234nM) and soft tissue sarcomas of different histological subtypes.