

Catalog Number: CM20763

产品信息

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CM20763

CAS号:
2146095-85-2

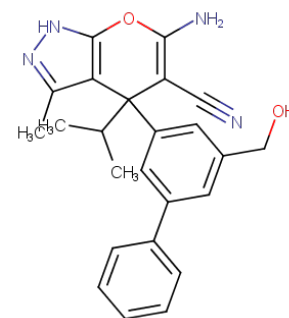
分子式:
 $C_{24}H_{24}N_4O_2$

主要靶点:
Others

主要通路:
其他

分子量:
400.47

溶解度:
DMSO:50 mg/mL (124.85 mM)



靶点活性

SHMT1:5 nM|SHMT2:13 nM

体外活性

SHIN1 inhibits the growth of SHMT2 deletion HCT-116 cells (IC₅₀: 10 nM). SHIN1 inhibits SHMT1/2 in HCT-116 cells. SHIN1 is particularly active against B-cell malignancies. SHIN1 blocks cell growth through a progressive depletion of purines, leading to loss of nucleotide triphosphates [1].

储存

Powder: -20°C for 3 years | In solvent: -80°C for 1 year | Shipping with blue ice.