

Catalog Number: CM06727

产品信息

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CM06727

CAS号:
1616391-65-1

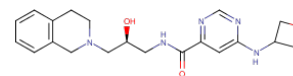
分子式:
C₂₀H₂₅N₅O₃

主要靶点:
Histone Methyltransferase

主要通路:
表观遗传

分子量:
383.44

溶解度:
Ethanol:45 mg/mL (117.36 mM); DMSO:45 mg/mL (117.36 mM)



靶点活性

PRMT5:5 nM(Ki)

体外活性

口服200 mg/kg EPZ015666对MCL异种移植动物模型具有强的抗肿瘤活性.

体内活性

EPZ015666显示有效的细胞活性,阻断SmD3的对称二甲基化,并抑制MCL细胞系的增殖,IC₅₀为96-904 nM.

细胞实验

EPZ015666 is dissolved in DMSO and stored, and then diluted with appropriate medium (final DMSO 0.2%) before use[1]. Cultured cells in linear/log-phase growth are split to a seeding density of 2×10⁵ cells/mL in 2-20 mL of media, depending on the yield required at the end of the growth period. Compound is diluted in DMSO and added to each culture vessel with a final DMSO concentration of 0.2%. Cells are allowed to grow for 96 h undisturbed. At the conclusion of each treatment period, cells are harvested by centrifugation (5 min, 1,200 rpm), and cell pellets are rinsed once with PBS before being frozen on dry ice pending further processing. Long-term proliferation assays are performed on all MCL lines, with slight adjustments to initial seeding densities, depending on growth characteristics for each cell line. All assays are carried out for 12 d[1].

储存

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