

Catalog Number: CM03699

产品信息

Catalog Number:
CM03699

CAS号:
48208-26-0

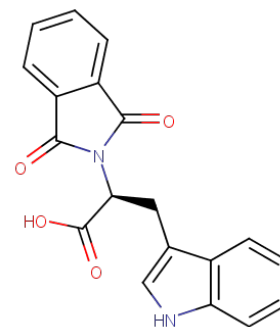
分子式:
 $C_{19}H_{14}N_2O_4$

主要靶点:
DNA Methyltransferase

主要通路:
表观遗传

分子量:
334.33

溶解度:
Ethanol:33.4 mg/mL (100 mM),DMSO:33.4 mg/mL (100 mM)



靶点活性

DNA methyltransferase:115 nM

体内活性

SM衍生的iPS细胞中,RG108能够明显降低DNA活性。在肿瘤细胞中,RG108抑制基因脱甲基和再活化,但是不影响着丝粒基因序列的甲基化。

细胞实验

For the determination of cellular growth and viability, cells are stained with trypan blue and counted using a standard counting grid.(Only for Reference)

描述

RG108 is an DNA methyltransferase inhibitor(IC50=115 nM).

储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years