

Catalog Number: CM05128

产品信息

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CM05128

CAS号:
313553-47-8

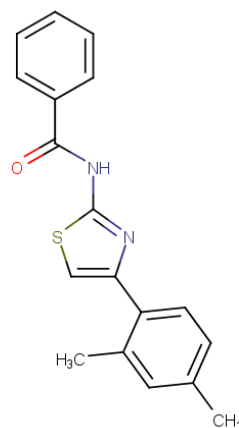
分子式:
C₁₈H₁₆N₂OS

主要靶点:
Microtubule
Associated|Apoptosis

主要通路:
细胞骨架|凋亡

分子量:
308.4

溶解度:
DMSO:30.8 mg/mL (100
mM); Ethanol:3.1 mg/mL (10 mM)



靶点活性

Hec1:10-21 μ M

体外活性

腹腔注射100 mg/kg INH1抑制含有MDA-MB-468人乳腺癌异种移植物的鼠中乳腺肿瘤生长。

体内活性

INH1有效抑制人乳腺癌细胞增殖,GI₅₀为10-21 μ M。此外,INH1也会通过损害纺锤体监测点调控的Hec1/Nek2通路,引发细胞杀伤活性。

细胞实验

Standard 3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide assays with a 3-d drug treatment procedure are performed to measure the dose-dependent cytotoxicity of INH1 in cultured cells. Triplicate sets are measured and compiled for final data presentation.(Only for Reference)

储存

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