

Catalog Number: CM20419

产品信息

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CM20419

CAS号:
134271-74-2

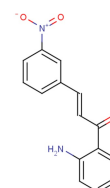
分子式:
C₁₅H₁₂N₂O₃

主要靶点:
mTOR|Phosphatase

主要通路:
代谢|PI3K/Akt/mTOR信号通路

分子量:
268.27

溶解度:
DMSO:65 mg/ml (242.29 mM)



体外活性

The proliferation and cell viability of all cell lines were inhibited by treatment with 5 μM BIA. The IC₅₀ values at 3 days were 1.7 ± 0.1 μM for HT1080, 2.6 ± 0.4 μM for MCF cells, 2.6 ± 0.5 μM for MDA-MB-231 cells, and 2.4 ± 0.4 μM for SKBR3 cells. Moreover, HT1080 cells stably overexpressing TMBIM6 showed high sensitivity to BIA [1]. BIA decreases the binding between TMBIM6 and mTORC2, we performed a gel filtration assay in TMBIM6-overexpressing HT1080 cells after treatment with BIA during 24 h [1].

描述

BIA is an inhibitor of the interaction between TMBIM6 and mTORC2, which ultimately blocks AKT activation and cancer progression.

储存

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