

Catalog Number: CM06824

产品信息

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CM06824

CAS号:
1884220-36-3

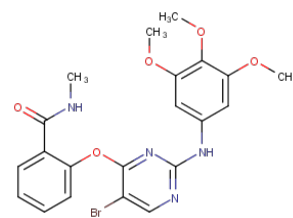
分子式:
 $C_{21}H_{21}BrN_4O_5$

主要靶点:
Autophagy|Apoptosis

主要通路:
自噬|凋亡

分子量:
489.32

溶解度:
DMSO:20 mg/mL



靶点活性

ULK1:108 nM|ULK2:711 nM

体外活性

In HEK293T transfected with WT or KI Myc-tagged ULK1 and WT Vps34, SBI-0206965 inhibits Ser249 phosphorylation of overexpressed Vps34 and Beclin1 Ser15 phosphorylation. SBI-0206965 suppresses autophagy induced by mTOR inhibition in A549 cells, and prevents ULK1-dependent cell survival in WT MEFs. In addition, SBI-0206965 also synergizes with mTOR inhibition to induce cancer cell death. [1]

描述

SBI-0206965 is a potent, selective and cell-permeable autophagy kinase ULK1 inhibitor with IC₅₀ of 108 nM for ULK1 kinase activity and 711 nM for ULK2.

储存

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