

Catalog Number: CM11033

产品信息

Catalog Number:
CM11033

CAS号:
328998-53-4

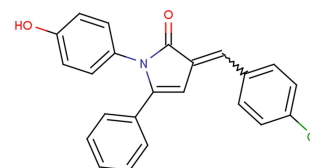
分子式:
 $C_{23}H_{16}ClNO_2$

主要靶点:
STAT

主要通路:
干细胞|JAK/STAT 信号通路

分子量:
373.83

溶解度:
DMSO:150 mg/mL (401.25 mM)



体外活性

inS3-54A18 inhibits the expression of STAT3 downstream target genes and the binding of STAT3 to its endogenous target sequences. inS3-54A18 ($5 \mu M$) decreases wound healing to 64% and 76% for A549 and MDA-MB-231 cells, respectively. inS3-54A18 at $10 \mu M$ further reduces the healing to 47% and 39%, respectively. inS3-54A18 does not affect the constitutive or IL-6-induced STAT3 activation but represses the STAT3 target gene (survivin) expression[1].

体内活性

inS3-54A18 (200 mg/kg, p.o.) inhibits tumor growth, metastasis. In a mouse xenograft model of A549 cells, inS3-54A18 (200 mg/kg, p.o.) also inhibits expression of STAT3 target genes[1].

储存

Powder: $-20^{\circ}C$ for 3 years | In solvent: $-80^{\circ}C$ for 1 year | Shipping with blue ice.