

LLL12

Cat. No. CEI-0670

Lot. No. (See product label)

Introduction

Description A Stat3 phosphorylation inhibitor. LLL12 inhibits STAT3 phosphorylation (Tyr705) and STAT3 activities and down-regulates STAT3 downstream targets; inhibits proliferation, colony formation, and cell migration and induces apoptosis in various human breast and pancreatic cancer cells as well as in glioblastoma cells. LLL12 has minimal apoptotic effects on normal human cells.

Product Information

Appearance Lyophilized solid

CAS No. 1260247-42-4

Molecular Formula C₁₄H₉NO₅S

Chemical Name 5-Hydroxy-9,10-dioxo-9,10-dihydroanthracene-1-sulfonamide

Molecular Weight 263.26

Purity >95% by HPLC

Targets STAT3

Solubility DMSO (20 mM)

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack