

NSC 146109 hydrochloride

Cat. No. CEI-0716

Lot. No. (See product label)

Introduction

Description

Cell-permeable. A p53 activator. It strongly activates p53 while selectively inhibiting growth of transformed cells without inducing genotoxicity. It promotes breast cancer cells to undergo apoptosis through activating p53 and inducing expression of proapoptotic genes. Recently, it has been found that activation of p53 by this small molecule is achieved through inhibition of MDMX expression. XI-011 repressed the MDMX promoter, resulting in down-regulation of MDMX mRNA level in MCF-7 cell.

Synonyms

XI-011

Product Information

Appearance

Yellow solid

CAS No.

59474-01-0

Molecular Formula

$C_{17}H_{16}N_2S.HCl$

Chemical Name

(10-Methyl-9-anthracenyl) methyl carbamimidothioic acid ester hydrochloride

Molecular Weight

396.83

Purity

>95%

Targets

p53

Solubility

DMSO (>5 mg/ml)

Storage and Shipping Information

Storage

-20 centigrade

Shipping Conditions

Gel pack