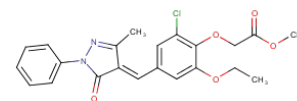


Catalog Number: CM05045

产品信息

Catalog Number:
CM05045CAS号:
431979-47-4分子式:
C₂₂H₂₁ClN₂O₅主要靶点:
E1/E2/E3 Enzyme|Mdm2主要通路:
泛素化|凋亡分子量:
428.87溶解度:
DMSO:33.33 mg/mL (77.72
mM), Sonification is
recommended.

靶点活性

MDMX: 5 μ M

体外活性

SJ-172550 binds the p53-binding pocket of MDMX, thereby displacing p53. SJ-172550 binds reversibly to MDMX and effectively kills retinoblastoma cells in which the expression of MDMX is amplified. SJ-172550 acts through a complicated mechanism in which the compound forms a covalent but reversible complex with MDMX and locks MDMX into a conformation that is unable to bind p53. The effect of SJ-172550 is additive when combined with an MDM2 inhibitor nutlin-3a. The relative stability of this complex is influenced by many factors including the reducing potential of the media, the presence of aggregates [1][2].

描述

SJ-172550 is a small molecule inhibitor of MDMX (EC₅₀: 5 μ M).

储存

Powder: -20°C for 3 years | In solvent: -80°C for 1 year