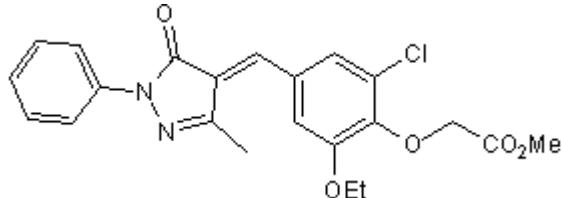


Certificate of Analysis**Product Name:** SJ 172550**Catalog No.:** 3929**Batch No.:** 1**CAS Number:** 431979-47-4**IUPAC Name:** 2-[2-Chloro-4-[(1,5-dihydro-3-methyl-5-oxo-1-phenyl-4H-pyrazol-4-ylidene)methyl]-6-ethoxyphenoxy]acetic acid methyl ester**1. PHYSICAL AND CHEMICAL PROPERTIES****Batch Molecular Formula:** C₂₂H₂₁CIN₂O₅**Batch Molecular Weight:** 428.87**Physical Appearance:** Orange solid**Solubility:** DMSO to 100 mM**Storage:** Store at +4°C**Batch Molecular Structure:****2. ANALYTICAL DATA****HPLC:** Shows 99.6% purity**¹H NMR:** Consistent with structure**Mass Spectrum:** Consistent with structure**Microanalysis:** Carbon Hydrogen Nitrogen

Theoretical 61.61 4.94 6.53

Found 61.74 5.02 6.66

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

Product Name: SJ 172550**Catalog No.:** 3929**Batch No.:** 1

CAS Number: 431979-47-4

IUPAC Name: 2-[2-Chloro-4-[(1,5-dihydro-3-methyl-5-oxo-1-phenyl-4H-pyrazol-4-ylidene)methyl]-6-ethoxyphenoxy]acetic acid methyl ester

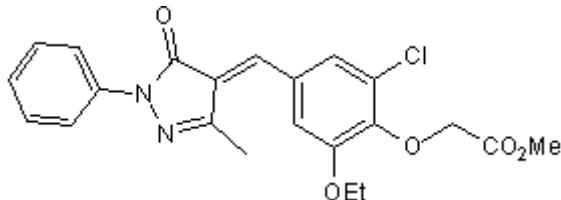
Description:

MDMX inhibitor. Reversibly binds MDMX ($EC_{50} = 2.3 \mu M$). Inhibits the MDMX-p53 interaction in cultured retinoblastoma cells; frees p53 to induce apoptosis.

Physical and Chemical Properties:Batch Molecular Formula: $C_{22}H_{21}ClN_2O_5$

Batch Molecular Weight: 428.87

Physical Appearance: Orange solid

Minimum Purity: >99%**Batch Molecular Structure:****Storage:** Store at +4°C**Solubility & Usage Info:**

DMSO to 100 mM

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

References:

Reed *et al* (2010) Identification and characterization of the first small molecule inhibitor of MDMX. *J.Biol.Chem.* **285** 10786. PMID: 20080970.

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

bio-technne.cominfo@bio-technne.com
techsupport@bio-technne.com**North America**

Tel: (800) 343 7475

Chinainfo.cn@bio-technne.com
Tel: +86 (21) 52380373**Europe Middle East Africa**

Tel: +44 (0)1235 529449

Rest of Worldwww.tocris.com/distributors
Tel: +1 612 379 2956