

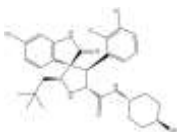
PRODUCT: MI-773 (SAR405838)

ALTERNATE NAME: (2'S,3R,4'S,5'R)-6-chloro-4'-(3-chloro-2-fluorophenyl)-N-((1r,4R)-4-hydroxycyclohexyl)-2'-neopentyl-2-oxospiro[indoline-3,3'-pyrrolidine]-5'-carboxamide

CATALOG #: 9610-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₉H₃₄Cl₂FN₃O₃

MOLECULAR WEIGHT: 562.51

CAS NUMBER: 1303607-60-4

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO (~25 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20°C. Protect from air and light

DESCRIPTION: MI-773, also known as SAR405838, is a spiro-oxindole that acts as a highly potent and selective MDM2 inhibitor. MI-773 binds to MDM2 with a K_i value of 0.88 nM and blocks the MDM2-p53 interaction. It activates wild-type p53 *in vitro* and in xenograft tumor tissue of leukemia and solid tumors, leading to p53-dependent cell cycle arrest and/or apoptosis.

REFERENCE: Wang, S., *et al.* (2014). *Cancer Res.* **74**, 5855-5865.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

AMG-232 (Cat. No. 9556-1,5)

JNJ26854165 (Cat. No. 2479-5, 25)

NSC-66811 (Cat. No. 2009-5)

NVP-CGM097 (Cat. No. 9557-1,5)

Nutlin-3 (Cat. No. 1842-1, 5)

Pifithrin-α (Cat. No. 1554-10)

Pifithrin-α, cyclic, HBr (Cat. No. 2270-5)

RG7388 (Cat. No. 2577-1,5)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**