PRODUCT: RG7388

ALTERNATE NAME: 4-[[2R,3S,4R,5S]-3-(3-chloro-2-fluorophenyl)-4-(4-chloro-2-fluorophenyl)-4-cyano-5-(2,2-dimethylpropyl)pyrrolidine-2-carbonyl]amino]-3-methoxybenzoic acid; RG-7388

CATALOG #: 25776-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE: 

MOLECULAR FORMULA: C_{31}H_{29}Cl_{2}F_{2}N_{3}O_{4}

MOLECULAR WEIGHT: 616.50

CAS No. 1229705-06-9

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO

PURITY: ≥99% by HPLC

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

DESCRIPTION: RG7388 is highly a potent and selective inhibitor of p53-MDM2 interaction. RG7388 blocks p53–MDM2 binding and effectively activates the p53 pathway, leading to cell cycle arrest and/or apoptosis in cell lines expressing wild-type p53 and tumor growth inhibition or regression of osteosarcoma xenografts in nude mice.


RELATED PRODUCTS:
- JNJ26854165 (Cat. No. 2479-5, 25)
- NSC-666811 (Cat. No. 2009-5)
- Nutlin-3 (Cat. No. 1842-1, 5)
- Pifithrin-α (Cat. No. 1554-10)
- Pifithrin-α, cyclic, HBr (Cat. No. 2270-5)

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

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