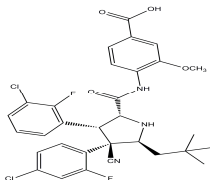


**PRODUCT: RG7388**

**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 #:** 2577-1, 5

**AMOUNT:** 1 mg, 5 mg

**STRUCTURE:**

**MOLECULAR FORMULA:** C<sub>31</sub>H<sub>29</sub>Cl<sub>2</sub>F<sub>2</sub>N<sub>3</sub>O<sub>4</sub>

**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.

**REFERENCES:** Ding, Q., *et al.* (2013). *J. Med. Chem.* **56**, 5979-5983.

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

**RELATED PRODUCTS:**

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

NSC-66811 (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)

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