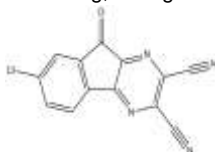


PRODUCT: HBX-41108**ALTERNATE NAME:** 7-Chloro-9-oxo-9H-indeno[1,2-b]pyrazine-2,3-dicarbonitrile**CATALOG #:** 9608-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₃H₃ClN₄O**MOLECULAR WEIGHT:** 266.64**CAS NUMBER:** 924296-39-9**APPEARANCE:** Yellow solid**SOLUBILITY:** DMSO (>20 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** HBX-41108 is a potent inhibitor of ubiquitin-specific protease (USP) 7 activity (IC₅₀ = 424 nM). Also inhibits USP7-mediated p53 deubiquitination (IC₅₀ = 0.8 μM). HBX-41108 treatment stabilizes p53, activates the transcription of a p53 target gene without inducing genotoxic stress, and inhibits cancer cell growth. Also induces p53-dependent apoptosis in p53 wild type and null isogenic cancer cell lines.**REFERENCE:** Colland, F., *et al.* (2009). *Mol. Cancer Ther.* **8**, 2286-2295.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**USP7/USP47 Inhibitor, P 22077 (**Cat. No. 2301**)DUB Inhibitor, NSC-632839 (**Cat. No. 2570**)DUB Inhibitor, PR-619 (**Cat. No. 2302**)USP-7 Antibody (**Cat. No. 3747**)**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**