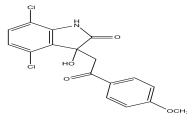


RELATED PRODUCTS:

BAY 57-1293 (Cat. No. 2556-5, 25)

G3BP Antibody (Cat. No. 3619-100)

PRODUCT: YK-4-279**ALTERNATE NAME:** 4,7-Dichloro-1,3-dihydro-3-hydroxy-3-[2-(4-methoxyphenyl)-2-oxoethyl]-2H-indol-2-one**CATALOG #:** 2846-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₇H₁₃Cl₂NO₄**MOLECULAR WEIGHT:** 366.20**CAS NUMBER:** 1037184-44-3**APPEARANCE:** White solid**SOLUBILITY:** DMSO (>30 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** YK 4-279 is an Inhibitor of RNA Helicase A (RHA) binding to the oncogenic transcription factor EWS-FLI1. At 10 μM, YK-4-279 blocks RHA binding to ES-FLI1 and induces apoptosis of a panel of Ewing's sarcoma tumor cell lines with IC₅₀ values ranging from 0.5-2 μM. At 1.5 mg per dose, YK-4-279 reduces the growth of Ewing's sarcoma orthotopic xenografts in mice after treatment with the inhibitor for two weeks.**REFERENCES:** Erkizhan, H.V., *et al.* (2009). *Nat.Med.* **15**, 750-756.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**