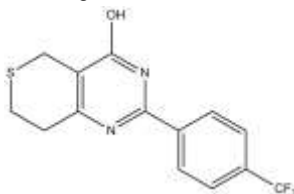


XAV939

CATALOG #: 1727-1

AMOUNT: 1 mg

STRUCTURE:



ALTERNATE NAME: 3,5,7,8-Tetrahydro-2-[4-(trifluoromethyl)phenyl]-4H-thiopyrano[4,3-d]pyrimidin-4-one

MOLECULAR FORMULA: C₁₄H₁₁F₃N₂OS

MOLECULAR WEIGHT: 312.31

CAS NUMBER: 284028-89-3

APPEARANCE: White solid

SOLUBILITY: DMSO (50 mM)

PURITY: ≥98% by HPLC

STORAGE: Store at -20°C

DESCRIPTION: A Tankyrase (TNKS) inhibitor (IC₅₀ = 110 nM for TNKS1 and 4 nM for TNKS2). Antagonizes wnt signaling via stimulation of β-catenin degradation and stabilization of axin. Inhibits proliferation of the μ-catenin-dependent colon carcinoma cell line DLD-1.

REFERENCE: Huang, S.M., *et al.* (2009). *Nature* **461**, 614-620.

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

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

RELATED PRODUCTS:

- ABT-888 (Cat. No. 1620-1,5)
- PARP Monoclonal Antibody (Cat. No. 3001-100)
- PARP Polyclonal Antibody (Cat. No. 3002-100)
- PARP (cleaved) Polyclonal Antibody (Cat. No. 3140-100)
- PARP (cleaved) Polyclonal Antibody (Cat. No. 3141-100)
- PARP (cleaved) Polyclonal Antibody (Cat. No. 3142-100)