



# Data Sheet

Research Use Only

## Compound Name

XAV939

## Catalog Number

SM38

## Alternative Names

XAV 939, XAV-939, 3,5,7,8-Tetrahydro-2-[4-(trifluoromethyl)phenyl]-4H-thiopyrano[4,3-d]pyrimidin-4-one

## Activity

XAV939 is a beta-catenin-mediated transcription inhibitor of selective Wnt pathway. Alternatively, it acts as axin stabilizing agent for the inhibition of TNKS1 and TNKS2.

## Effect

XAV939 inhibits growth of DLD-1 cells, an APC-deficient colorectal cancer cell line.

## Purity

>98%

## CAS

284028-89-3

## Formula

C<sub>14</sub>H<sub>11</sub>F<sub>3</sub>N<sub>2</sub>OS

## Molecular Weight

312.31

## Solubility

DMSO

## Stability

Stable at -20°C. Keep away from direct sunlight.

## References

1. Smith, S., et al. 1998. Science. 282(5393): 1484-1487. PMID: 9822378
2. Huang, SM., et al. 2009. Nature. 461(7264): 614-620. PMID: 19759537