



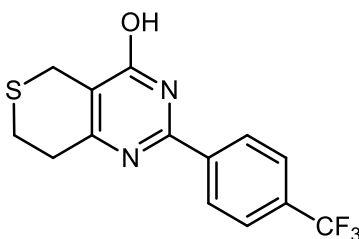
Catalog # 10-1186

XAV-939

CAS# 284028-89-3

2-[4-(Trifluoromethyl)phenyl]-7,8-dihydro-5H-thiino[4,3-d]pyrimidin-4-ol

Lot # X102040



Tankyrase inhibitor (IC₅₀=11 and 4 nM for TNKS1 and 2 respectively). Antagonizes wnt signaling via stimulation of β -catenin degradation and stabilization of actin.¹ Robustly induces cardiomyogenesis of stem cells.² Cell Permeable

- 1) Huang *et al.* (2009), *Tankyrase inhibition stabilizes axin and antagonizes Wnt signaling*; Nature, **46** 614.
- 2) Wang *et al.* (2011), *Cardiac induction of embryonic stem cells by a small molecule inhibitor of Wnt/ β -catenin signaling*; Chem. Biol., **6** 192

PHYSICAL DATA

Molecular Weight:	312.31
Molecular Formula:	C ₁₄ H ₁₁ F ₃ N ₂ OS
Purity:	98% by TLC: NMR: Conforms
Solubility:	DMSO (up to 25 mg/ml)
Physical Description:	White or off-white solid
Storage and Stability:	Store as supplied at room temperature for up to 2 years from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 2 months.

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