XAV-939, GMP Grade

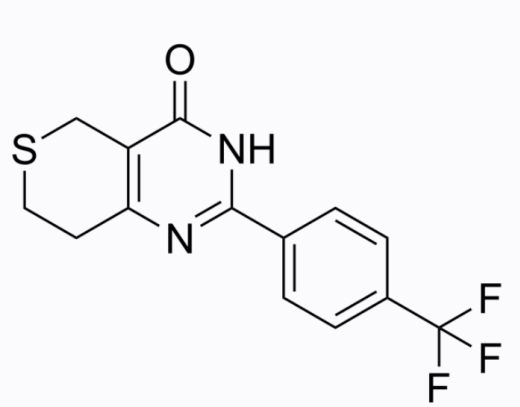
Cat. No. XAV-939-07 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	XAV-939 (GMP) is XAV-939 produced by using GMP guidelines. GMP small molecules works appropriately as an auxiliary reagent for cell therapy manufacture.
Description	XAV-939 is a tankyrase inhibitor.
Form	Solid, White to off-white
Target	PARP
In Vitro	XAV-939 (GMP) (5 μM; 2 μM for 3 days; 1 μM) induces the differentiation of human pluripotent stem cells (hPSCs) into post-mitotic cortical neurons. XAV-939 (GMP) promotes the specification of the anterior central nervous system (CNS). RT-PCR Cell Line: Human pluripotent stem cells (hPSCs) Concentration: 5 μM, 2 μM, 1 μM Incubation Time: 3 days Result: Showed downregulation of the pluripotency marker OCT4 and induction of neural and neuronal markers PAX6, FOXG1 and DCX, as well as markers of early born cortical neurons, including TBR1 (preplate, subplate and layer VI) and REELIN, in LSB+X/P/S/D conditions.
CAS	284028-89-3
Formula	C14H11F3N2OS
Molecular Mass	312.31

GENE INFORMATION

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Pathway	Cell Cycle/DNA Damage; Epigenetics
Synonyms	XAV-939
Chemical Structure	

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