## Activity of JK3-32 lead vs gt3a p7

Fresh 2mg stock of JK3-32 tested against S52-JFH1 (gt3a p7) in duplicate. Control IC50 curve was performed against J4-JFH1 (gt1b p7) (previous determined IC50 for gt1b (with increasing compound freeze-thaw) = 175.5 nM, 60.8 nM, 447.1 nM, 610.5 nM).

**Control J4-JFH1 JK3-32 IC50**



**IC50 = 242 nM**

**The same JK3-32 sample tested against S52-JFH1.**

****

**IC50 = 641.9 nM**

**IC50 = 834.4 nM**

**Daclatasvir control –** should show similar sensitivity targeting JFH1 derived NS5A from both chimeric viruses.



**IC50 = 0.8 pM**

**IC50 = 2.5 pM**

Additional molecules within SAR of JK3-32 (with significantly lower activity, which cannot always fit exact IC50) also show reduced activity against gt3a vs gt1b.

However, despite possible differences in sensitivity between gt1b and gt3a, JK3-32 clearly shows reasonable nM activity against both genotypes.