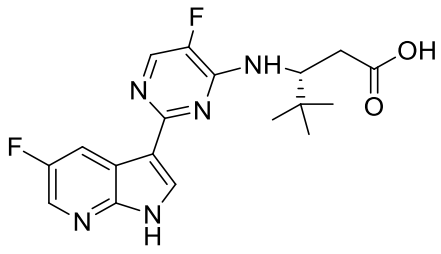
CLAIMS

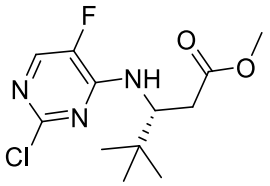
1. A method preparing compound **2**:



(2)

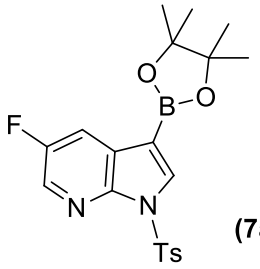
,

or a pharmaceutically acceptable salt thereof, comprising the steps of:



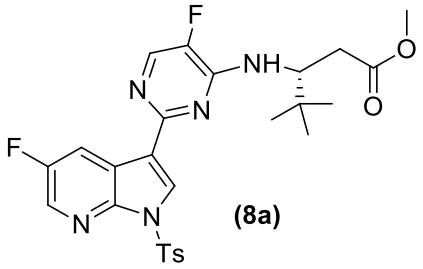
(6a)

i) reacting compound **6a:** with compound **7a**:



(7a)

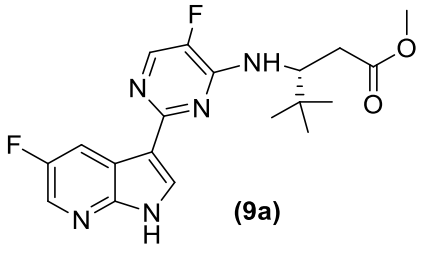
to form compound **8a**:



(8a)

;

ii) deprotecting the Ts group of compound **8a** under suitable conditions to form <u>compound</u>



(9a)

9a: ; and

iii) demethylating the methyl ester group in compound 9a under suitable conditions to form compound 2.

2. The method of claim 1, wherein the demethylation of step iii) further comprises reacting compound **9a** with LiOH to form Compound **2**.

3. The method of claim 1, wherein the reaction of compound **6a** with compound **7a** to form compound **8a** occurs in the presence of a palladium catalyst, wherein the palladium catalyst is formed by mixing $Pd_2(dba)_3$ and XPhos.

4. The method of claim 1, wherein the reaction of compound **6a** with compound **7a** to form compound **8a** occurs in the presence of 2-methyl tetrahydrofuran and water.

5. The method of claim 1, wherein the deprotection of compound **8a** occurs in the presence of hydrochloric acid.

6. The method of claim 2, wherein the demethylation of step iii) occurs in the presence of tetrahydrofuran and water.