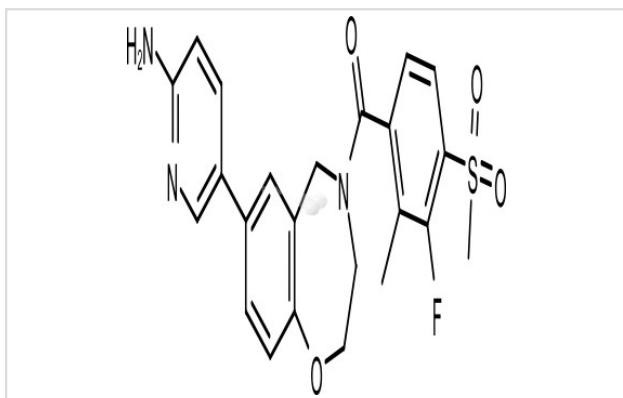


## Description

Product Name	XL388
Brief Description	Inhibitors
Purification	99.53%
Target Name	mTOR inhibitor; P450 inhibitor; PI3K inhibitor
Calculated MW	455.5
Formulation	C23H22FN3O4S
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

Research Area: Cancer  
 SMILES: CC1=C(C=CC(=C1F)S(C)(=O)=O)C(=O)N1CCOC2=C(C1)C=C(C=C2)C1=CN=C(N)C=C1  
 Pathways: Metabolism; PI3K/Akt/mTOR signaling  
 Receptor: mTOR; mTORC1; mTORC2; CYP2C9; PI3K $\alpha$   
 Boling pt: Melting pt: Solubility: DMSO: 23 mg/mL (50.49 mM)  
 Appearance: Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several month.

## References

1. Nicole Miller, et al. Mol Y Ther, 2009, 8(12 Suppl):B146.

Note: This product is for in vitro research use only