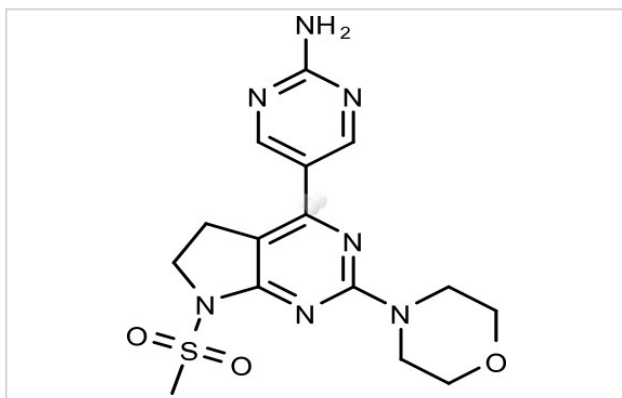


## Description

|                   |   |
|-------------------|---|
| Product Name      | CH5132799                                       |
| Brief Description | Inhibitors                                      |
| Purification      | 99.87%  |
| Target Name       | mTOR inhibitor; PI3K inhibitor                  |
| Calculated MW     | 377.42  |
| Formulation       | C15H19N7O3S                                     |
| Storage           | 3 years -20°C powder; 2 years -80°C in solvent; |

## Images



## Product Description

Research Area: Cancer  
 SMILES: CS(=O)(=O)N1CCC2=C(N=C(N=C12)N1CCOCC1)C1=CN=C(N)N=C1  
 Pathways: PI3K/Akt/mTOR signaling  
 Receptor: mTOR; PI3K $\alpha$ ; PI3K $\beta$ ; PI3K $\gamma$ ; PI3K $\delta$   
 Boiling pt: Melting pt: Solubility: DMSO: 12 mg/mL (31.79 mM)  
 Appearance: Gray Powder  
 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 months.

## References

1. Tanaka H, et al, Clin Y Res, 2011, 17(10), 3272-3281.

Note: This product is for in vitro research use only