

## Afuresertib

Catalog No: #S1911

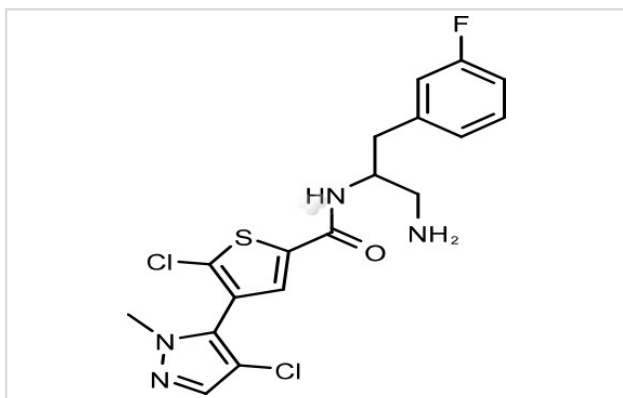
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## Description

Product Name	Afuresertib
Brief Description	Inhibitors
Purification	97.51%
Target Name	Akt inhibitor
Calculated MW	427.32
Formulation	C18H17Cl2FN4OS
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

Research Area: Cancer  
 SMILES: CN1C(=C(C=N1)Cl)C2=C(SC(=C2)C(=O)N[C@@H](CC3=CC(=CC=C3)F)CN)C  
 Pathways: Cytoskeletal Signaling; PI3K/Akt/mTOR signaling  
 Receptor: Akt1; Akt2; Akt3  
 Boiling pt: Melting pt: Solubility: Ethanol: 85 mg/mL (198.91 mM); DMSO: 85 mg/mL (198.91 mM)  
 Appearance: White 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. Spencer A, et al. Blood. 2014 Jul 29. pii: blood-2014-03-559963.

Note: This product is for in vitro research use only