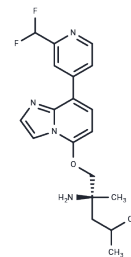


HW161023

## Chemical Properties

CAS No. : 2920698-73-1  
 Formula: C<sub>20</sub>H<sub>24</sub>F<sub>2</sub>N<sub>4</sub>O  
 Molecular Weight: 374.428  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



## Biological Description

Description	HW161023 (compound) is an orally active inhibitor of AP2 associated protein kinase 1 (AAK1), exhibiting IC <sub>50</sub> values of 5.4 nM for AAK1 and 11.9 μM for hERG. HW161023 can suppress pain response in a rat model of chronic sciatic nerve compression injury.
Targets(IC <sub>50</sub> )	AAK1, AAK1 (AP2 associated kinase 1)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6707 mL	13.3536 mL	26.7073 mL
5 mM	0.5341 mL	2.6707 mL	5.3415 mL
10 mM	0.2671 mL	1.3354 mL	2.6707 mL
50 mM	0.0534 mL	0.2671 mL	0.5341 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481