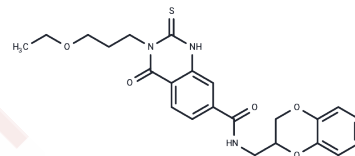


SW083688

## Chemical Properties

CAS No. : 422281-45-6  
 Formula: C<sub>23</sub>H<sub>25</sub>N<sub>3</sub>O<sub>5</sub>  
 Molecular Weight: 455.53  
 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	SW083688 is a potent and highly selective inhibitor of Thousand-And-One Kinase 2 (TAOK2) with an IC <sub>50</sub> value of 1.3 μmol/L.
Targets(IC <sub>50</sub> )	Others,MAPK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1952 mL	10.9762 mL	21.9525 mL
5 mM	0.439 mL	2.1952 mL	4.3905 mL
10 mM	0.2195 mL	1.0976 mL	2.1952 mL
50 mM	0.0439 mL	0.2195 mL	0.439 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.

## Reference

Piala AT, Akella R, Potts MB, et al. Discovery of novel TAOK2 inhibitor scaffolds from high-throughput screening. *Bioorg Med Chem Lett.* 2016;26(16):3923-3927.

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