

## Ribociclib-D6

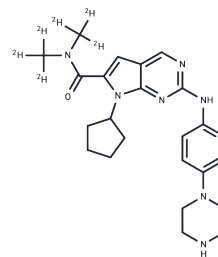
## Chemical Properties

CAS No. : 1328934-40-2

Formula: C<sub>23</sub>H<sub>30</sub>N<sub>8</sub>O

Molecular Weight: 440.574

Storage: Keep away from moisture, Keep away from direct sunlight  
 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	Ribociclib-D6 is a deuterated compound of Ribociclib (T6199) (LEE011) for isotope tracing. Ribociclib is an orally available CDK4/6 inhibitor with antitumor activity.
Targets(IC50)	CDK, VEGFR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2698 mL	11.3489 mL	22.6979 mL
5 mM	0.454 mL	2.2698 mL	4.5396 mL
10 mM	0.227 mL	1.1349 mL	2.2698 mL
50 mM	0.0454 mL	0.227 mL	0.454 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

VanArsdale T, Boshoff C, Arndt KT, Abraham RT. Molecular Pathways: Targeting the Cyclin D-CDK4/6 Axis for Cancer Treatment. Clin Cancer Res. 2015 Jul 1;21(13):2905-10.

**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