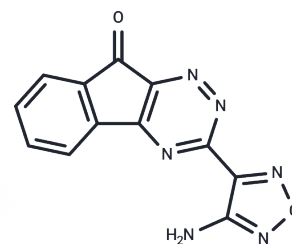


RK-0080552

## Chemical Properties

CAS No. : 313527-11-6  
 Formula: C<sub>12</sub>H<sub>6</sub>N<sub>6</sub>O<sub>2</sub>  
 Molecular Weight: 266.215  
 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	RK-0080552 (RK-552) is an inhibitor of the NSD2 histone methyltransferase. It demonstrates significant cytotoxicity against multiple myeloma (MM) cells harboring the t(4;14) translocation. This compound suppresses the IRF4 gene and decreases the dimethylation of histone H3 at lysine 36. RK-0080552 holds promise for research in hematologic malignancies.
Targets(IC50)	Histone Methyltransferase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7563 mL	18.7815 mL	37.5629 mL
5 mM	0.7513 mL	3.7563 mL	7.5126 mL
10 mM	0.3756 mL	1.8781 mL	3.7563 mL
50 mM	0.0751 mL	0.3756 mL	0.7513 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

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