

NSD2-PWWP1-IN-6

## Chemical Properties

CAS No. : 106664-01-1  
Formula: C14H11NO2Se  
Molecular Weight: 304.22  
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	NSD2-PWWP1-IN-6 (Compound 16) is an effective NSD2-PWWP1 inhibitor with a Kd of 30 nM. It competitively blocks NSD2-PWWP1's recognition of H3K36me2 and DNA, thereby reducing its binding capacity to nucleosomes. NSD2-PWWP1-IN-6 is applicable for cancer research.
Targets(IC50)	Histone Methyltransferase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2871 mL	16.4355 mL	32.8709 mL
5 mM	0.6574 mL	3.2871 mL	6.5742 mL
10 mM	0.3287 mL	1.6435 mL	3.2871 mL
50 mM	0.0657 mL	0.3287 mL	0.6574 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