

NSC20116

## Chemical Properties

CAS No. : 644-37-1  
Formula: C<sub>4</sub>H<sub>4</sub>N<sub>4</sub>O<sub>3</sub>  
Molecular Weight: 156.1  
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	NSC20116 is a uracil derivative that specifically targets the Set-and-Ring (SRA) domain of the oncogene UHRF1. It binds to the 5-methylcytosine (5mC) recognition pocket within the UHRF1SRA domain, with a dissociation constant (Kd) of 362 nM. NSC20116 is applicable for cancer research.
Targets(IC50)	E1/E2/E3 Enzyme

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.4061 mL	32.0307 mL	64.0615 mL
5 mM	1.2812 mL	6.4061 mL	12.8123 mL
10 mM	0.6406 mL	3.2031 mL	6.4061 mL
50 mM	0.1281 mL	0.6406 mL	1.2812 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.

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