

RK-0133114

## Chemical Properties

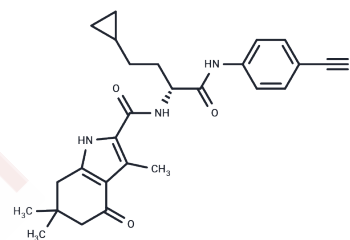
CAS No. :

Formula: C<sub>26</sub>H<sub>30</sub>N<sub>4</sub>O<sub>3</sub>

Molecular Weight: 446.54

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-0133114, a G9a inhibitor and the R-enantiomer of RK-701, exhibits potent inhibition of G9a with an IC <sub>50</sub> value of 3.7 μM. This compound is utilized in research focused on sickle cell disease (SCD) [1].
Targets(IC <sub>50</sub> )	Others, Histone Methyltransferase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2394 mL	11.1972 mL	22.3944 mL
5 mM	0.4479 mL	2.2394 mL	4.4789 mL
10 mM	0.2239 mL	1.1197 mL	2.2394 mL
50 mM	0.0448 mL	0.2239 mL	0.4479 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

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481