

AS-254s

## Chemical Properties

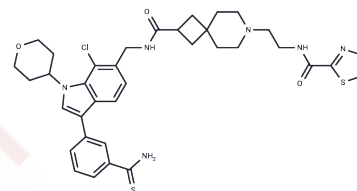
CAS No. :

Formula: C<sub>36</sub>H<sub>41</sub>ClN<sub>6</sub>O<sub>3</sub>S<sub>2</sub>

Molecular Weight: 705.332

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	AS-254s is an inhibitor of absent, small, or homeotic-like 1 protein (ASH1L), with an IC <sub>50</sub> of 94 nM (FP assay). It exhibits antiproliferative activity against leukemia cells with MLL1 rearrangement, with a GI <sub>50</sub> of less than 1 μM. Additionally, AS-254s can induce differentiation in MLL1-r leukemia cells.
Targets(IC <sub>50</sub> )	Histone Methyltransferase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4178 mL	7.0889 mL	14.1778 mL
5 mM	0.2836 mL	1.4178 mL	2.8356 mL
10 mM	0.1418 mL	0.7089 mL	1.4178 mL
50 mM	0.0284 mL	0.1418 mL	0.2836 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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