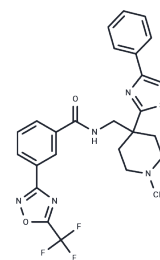


## HDAC-IN-5

## Chemical Properties

CAS No. :	1314890-51-1
Formula:	C <sub>26</sub> H <sub>24</sub> F <sub>3</sub> N <sub>5</sub> O <sub>2</sub> S
Molecular Weight:	527.56
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	HDAC-IN-5 is a histone deacetylase (HDAC) inhibitor [inducing apoptosis, with potential antineoplastic (antitumor) and chemopreventive activities], inhibiting cell proliferation and regulating cell differentiation (IC <sub>50</sub> =0.0056 μM, 72 h) in murine erythroleukemia cells.
Targets(IC <sub>50</sub> )	HDAC

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8955 mL	9.4776 mL	18.9552 mL
5 mM	0.3791 mL	1.8955 mL	3.791 mL
10 mM	0.1896 mL	0.9478 mL	1.8955 mL
50 mM	0.0379 mL	0.1896 mL	0.3791 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.

## Reference

ARYL SULFONOHYDRAZIDES.WO2011088181A1.

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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