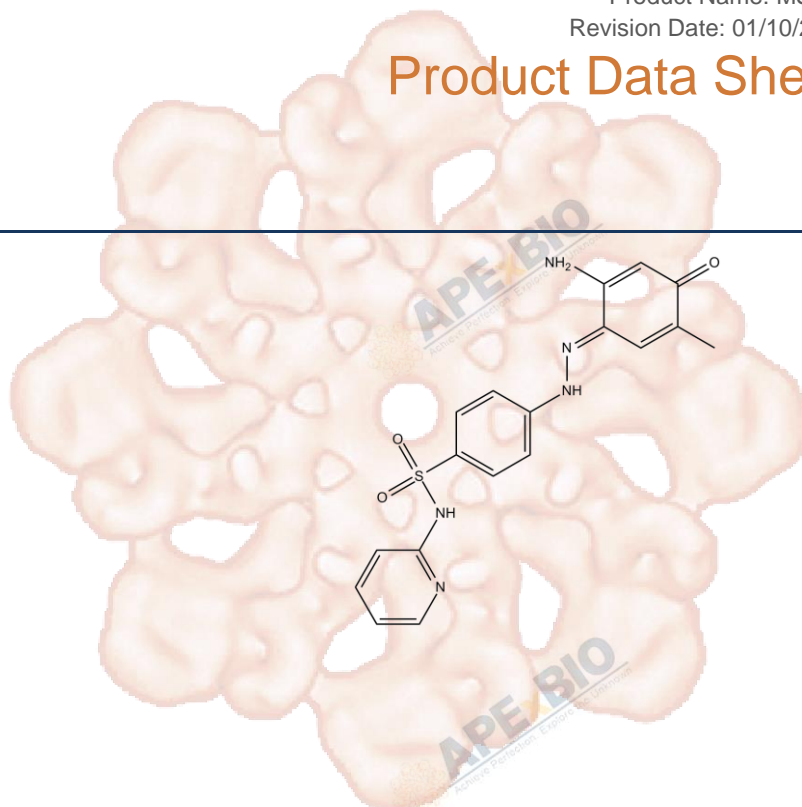


# Product Data Sheet

## MS436

<b>Cat. No.:</b>	B1012
<b>CAS No.:</b>	1395084-25-9
<b>Formula:</b>	C18H17N5O3S
<b>M.Wt:</b>	383.42
<b>Synonyms:</b>	
<b>Target:</b>	Chromatin/Epigenetics
<b>Pathway:</b>	Bromodomain
<b>Storage:</b>	Store at -20°C



## Solvent & Solubility

insoluble in H<sub>2</sub>O; insoluble in EtOH; ≥19.15 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	<b>Concentration</b>			
	<b>1 mM</b>	2.6081 mL	13.0405 mL	26.0811 mL
	<b>5 mM</b>	0.5216 mL	2.6081 mL	5.2162 mL
	<b>10 mM</b>	0.2608 mL	1.3041 mL	2.6081 mL

Please refer to the solubility information to select the appropriate solvent.

## Biological Activity

Shortsummary	BRD4 inhibitor	
IC <sub>50</sub> & Target	<0.085 μM (BrD1), 0.34 μM (BrD2)	
In Vitro	<b>Cell Viability Assay</b>	
	Preparation method:	
In Vivo	<b>Animal experiment</b>	
	Applications:	

## Product Citations

See more customer validations on [www.apexbt.com](http://www.apexbt.com).

## References

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.*

**APEX BIO Technology**

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