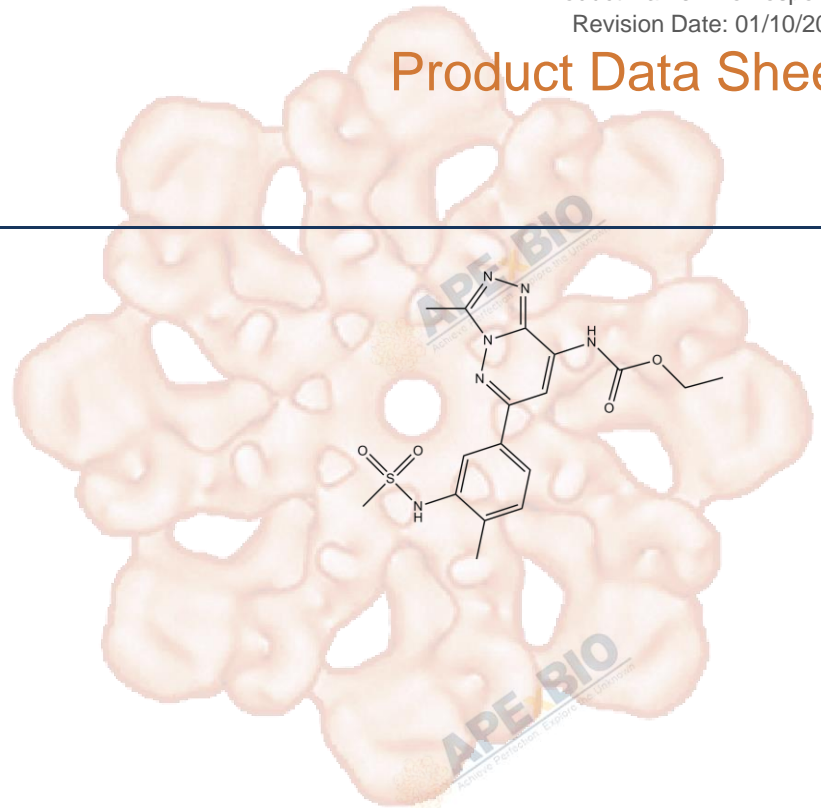


# Product Data Sheet

## Bromosporine

<b>Cat. No.:</b>	A4186
<b>CAS No.:</b>	1619994-69-2
<b>Formula:</b>	C17H20N6O4S
<b>M.Wt:</b>	404.44
<b>Synonyms:</b>	
<b>Target:</b>	Chromatin/Epigenetics
<b>Pathway:</b>	Bromodomain
<b>Storage:</b>	Store at -20°C



## Solvent & Solubility

≥40.4 mg/mL in DMSO; insoluble in EtOH; insoluble in H<sub>2</sub>O

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	<b>Concentration</b>			
	<b>1 mM</b>	2.4726 mL	12.3628 mL	24.7255 mL
	<b>5 mM</b>	0.4945 mL	2.4726 mL	4.9451 mL
	<b>10 mM</b>	0.2473 mL	1.2363 mL	2.4726 mL

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

## Biological Activity

Shortsummary

Bromodomain inhibitor,non-selective

IC<sub>50</sub> & Target

In Vitro

### Cell Viability Assay

Preparation method:

In Vivo

### Animal experiment

Applications:

## Product Citations

1. Alonso, Victoria Lucia, et al. "Overexpression of bromodomain factor 3 in Trypanosoma cruzi (TcBDF3) affects differentiation of the parasite and protects it against bromodomain inhibitors." FEBS Journal (2016).PMID:27007774

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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