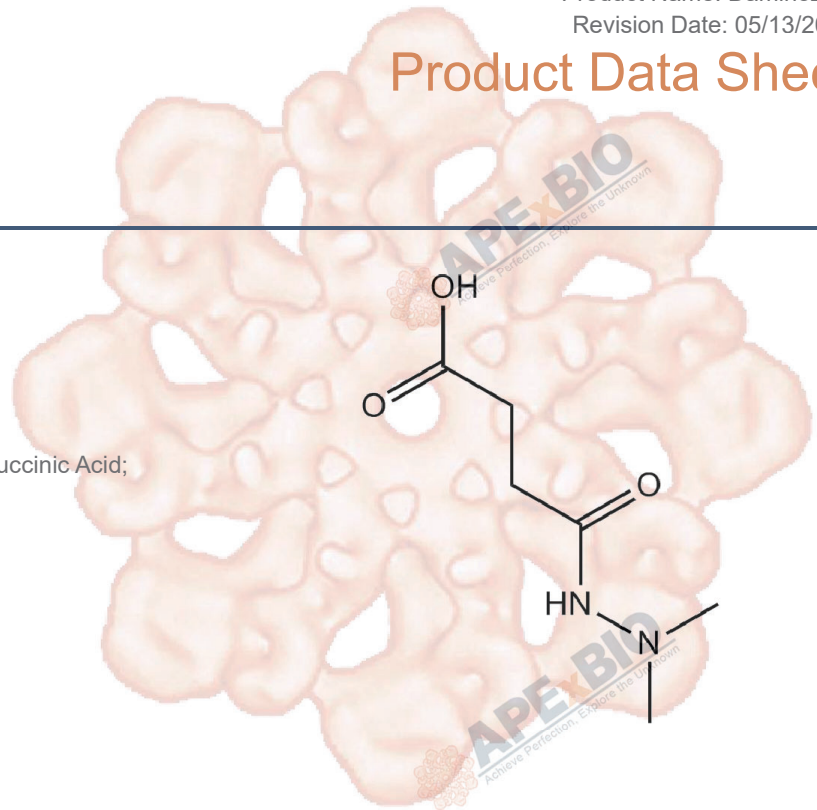


# Product Data Sheet

## Daminozide

<b>Cat. No.:</b>	A3348
<b>CAS No.:</b>	1596-84-5
<b>Formula:</b>	C <sub>6</sub> H <sub>12</sub> N <sub>2</sub> O <sub>3</sub>
<b>M.Wt:</b>	160.17
<b>Synonyms:</b>	Alar; B 995; DMASA; SADH; Succinic Acid; Aminoizide; Kylar; DIMG
<b>Target:</b>	DNA Damage/DNA Repair
<b>Pathway:</b>	HDAC
<b>Storage:</b>	Store at -20°C



## Solvent & Solubility

≥16.3 mg/mL in EtOH with gentle warming and ultrasonic; ≥21.4 mg/mL in H<sub>2</sub>O with gentle warming; ≥7.3 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass		
		1mg	5mg	10mg
	1 mM	6.2434 mL	31.2168 mL	62.4337 mL
	5 mM	1.2487 mL	6.2434 mL	12.4867 mL
	10 mM	0.6243 mL	3.1217 mL	6.2434 mL

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

## Biological Activity

Shortsummary

KDM2A inhibitor

IC<sub>50</sub> & Target

In Vitro

**Cell Viability Assay**

Preparation method:

In Vivo

**Animal experiment**

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. Short-term 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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