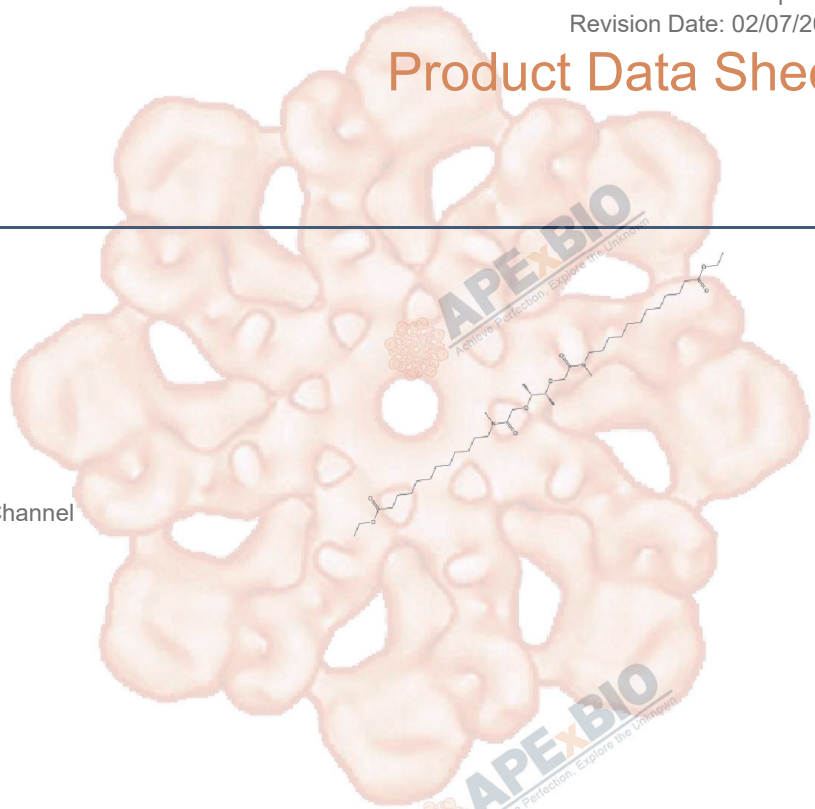


# Product Data Sheet

## Calcium Ionophore I

<b>Cat. No.:</b>	B6065
<b>CAS No.:</b>	58801-34-6
<b>Formula:</b>	C38H72N2O8
<b>M.Wt:</b>	684.99
<b>Synonyms:</b>	
<b>Target:</b>	Membrane Transporter/Ion Channel
<b>Pathway:</b>	Ionophore
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

≥57.7 mg/mL in DMSO; ≥40.6 mg/mL in EtOH; insoluble in H<sub>2</sub>O

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
		<b>1 mM</b>	1.4599 mL	7.2994 mL	14.5988 mL
		<b>5 mM</b>	0.2920 mL	1.4599 mL	2.9198 mL
		<b>10 mM</b>	0.1460 mL	0.7299 mL	1.4599 mL

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

### Biological Activity

Shortsummary	Ca <sup>2+</sup> -selective ionophore
IC <sub>50</sub> & Target	
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 APExBIO 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.*

**APExBIO Technology**

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