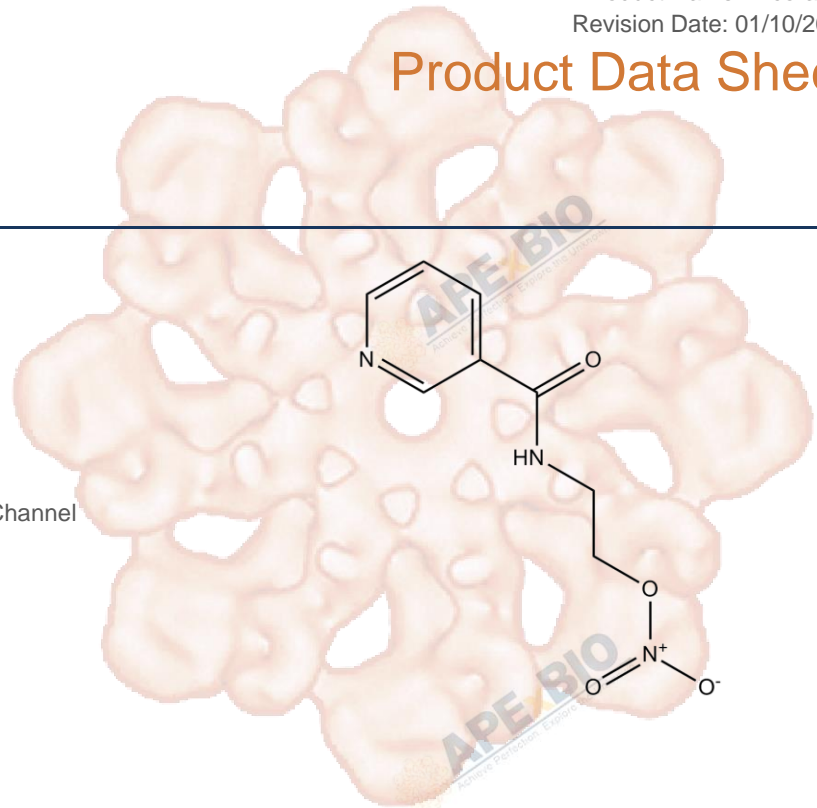


# Product Data Sheet

## Nicorandil

<b>Cat. No.:</b>	B2197
<b>CAS No.:</b>	65141-46-0
<b>Formula:</b>	C <sub>8</sub> H <sub>9</sub> N <sub>3</sub> O <sub>4</sub>
<b>M.Wt:</b>	211.17
<b>Synonyms:</b>	
<b>Target:</b>	Membrane Transporter/Ion Channel
<b>Pathway:</b>	Potassium Channel
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

≥21.1 mg/mL in DMSO; insoluble in EtOH; insoluble in H<sub>2</sub>O

In Vitro

Preparing Stock Solutions	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
		<b>1 mM</b>	4.7355 mL	23.6776 mL	47.3552 mL
		<b>5 mM</b>	0.9471 mL	4.7355 mL	9.4710 mL
		<b>10 mM</b>	0.4736 mL	2.3678 mL	4.7355 mL

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

### Biological Activity

Shortsummary

Potassium channel activator

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 APExBIO 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.*

**APExBIO Technology**

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