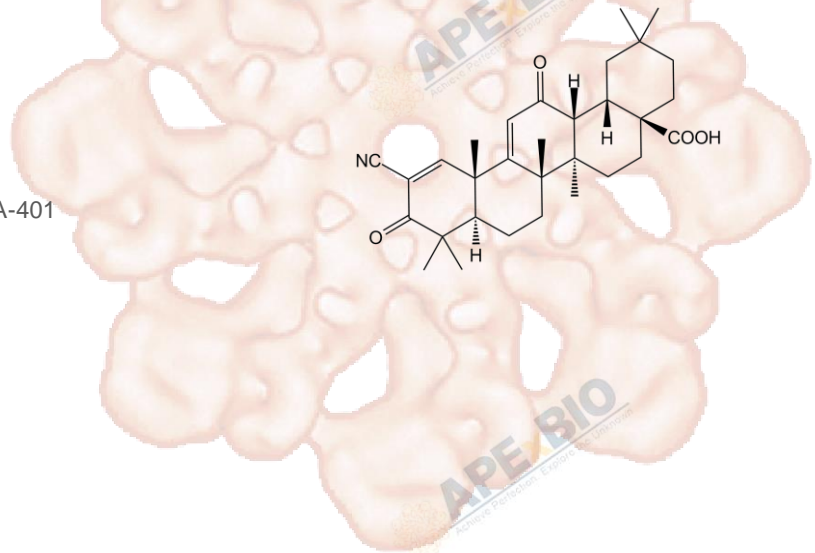


# Product Data Sheet

## Bardoxolone

<b>Cat. No.:</b>	A3220
<b>CAS No.:</b>	218600-44-3
<b>Formula:</b>	C31H41NO4
<b>M.Wt:</b>	491.66
<b>Synonyms:</b>	CDDO;RTA 401;RTA401;RTA-401
<b>Target:</b>	Immunology/Inflammation
<b>Pathway:</b>	KEAP1-Nrf2
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

≥49.2 mg/mL in DMSO; insoluble in H<sub>2</sub>O; ≥2.682 mg/mL in EtOH with gentle warming and ultrasonic

In Vitro

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1mg	5mg	10mg
	1 mM		2.0339 mL	10.1696 mL	20.3393 mL
	5 mM		0.4068 mL	2.0339 mL	4.0679 mL
	10 mM		0.2034 mL	1.0170 mL	2.0339 mL

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

### Biological Activity

Shortsummary

Once-a-day treatment for CKD

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. 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**

**[www.apexbt.com](http://www.apexbt.com)**

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: [info@apexbt.com](mailto:info@apexbt.com)

