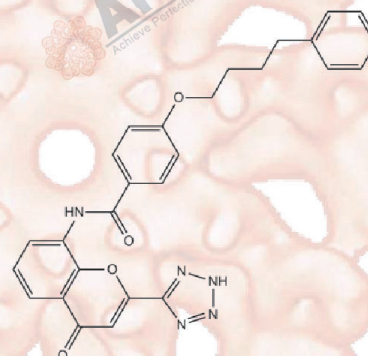


# Product Data Sheet

## Pranlukast

**Cat. No.:** B2009  
**CAS No.:** 103177-37-3  
**Formula:** C<sub>27</sub>H<sub>23</sub>N<sub>5</sub>O<sub>4</sub>  
**M.Wt:** 481.5  
**Synonyms:**  
**Target:**  
**Pathway:**  
**Storage:** Store at -20°C



## Solvent & Solubility

insoluble in EtOH; insoluble in H<sub>2</sub>O; ≥ 13.8 mg/mL in DMSO

In Vitro

Preparing  
Stock Solutions

Solvent	Concentration	Mass		
		1mg	5mg	10mg
	1 mM	2.0768 mL	10.3842 mL	20.7684 mL
	5 mM	0.4154 mL	2.0768 mL	4.1537 mL
	10 mM	0.2077 mL	1.0384 mL	2.0768 mL

Please refer to the solubility information to select the appropriate solvent

## Biological Activity

Shortsummary

selective antagonist of the cysteinyl leukotrienes (LT) C(4), LTD(4) and LTE(4),

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**

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