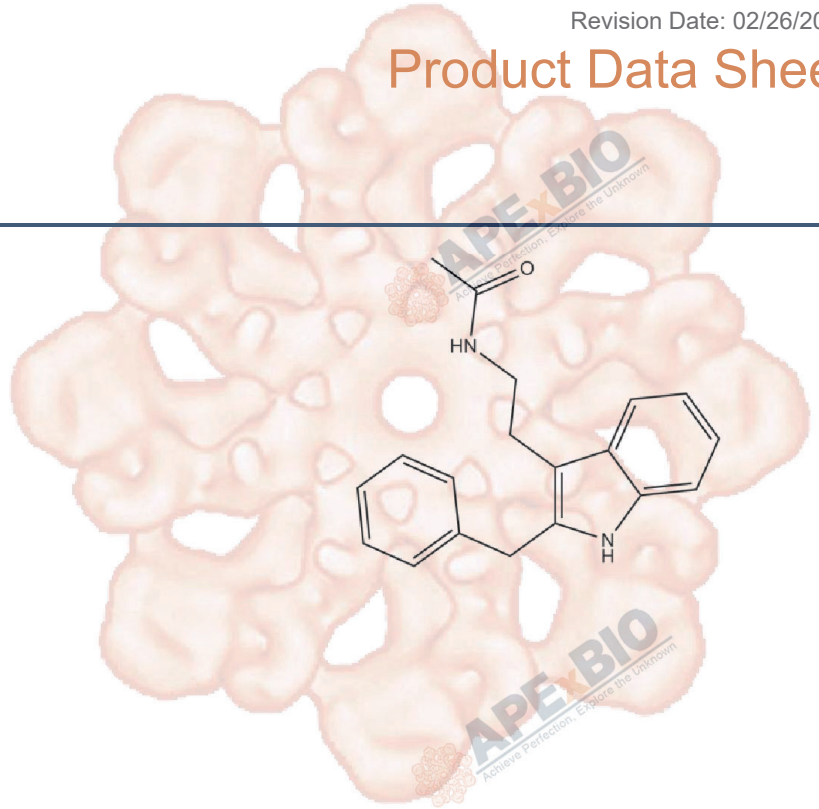


# Product Data Sheet

## Luzindole

<b>Cat. No.:</b>	B6483
<b>CAS No.:</b>	117946-91-5
<b>Formula:</b>	C <sub>19</sub> H <sub>20</sub> N <sub>2</sub> O
<b>M.Wt:</b>	292.38
<b>Synonyms:</b>	
<b>Target:</b>	GPCR/G protein
<b>Pathway:</b>	Melatonin Receptors
<b>Storage:</b>	Store at -20°C



## Solvent & Solubility

≥68.8 mg/mL in DMSO; ≥88.2 mg/mL in EtOH; insoluble in H<sub>2</sub>O

In Vitro	Preparing Stock Solutions	Mass			
		Solvent	1mg	5mg	10mg
			Concentration		
		1 mM	3.4202 mL	17.1010 mL	34.2021 mL
		5 mM	0.6840 mL	3.4202 mL	6.8404 mL
		10 mM	0.3420 mL	1.7101 mL	3.4202 mL

Please refer to the solubility information to select the appropriate solvent

## Biological Activity

Shortsummary	Melatonin antagonist
IC <sub>50</sub> & Target	
In Vitro	<b>Cell Viability Assay</b>
	Preparation method:
In Vivo	<b>Animal experiment</b>
	Applications:

## 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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