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CERTIFICATE OF ANALYSIS

Product name: **Cibenzoline**

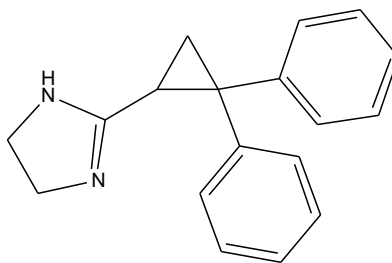
Cat. number: **VD-IS-0130**

CAS Number: **53267-01-9**

Lot number: **VD130-06908**

Personal protective equipment

- Lab coat.
- Safety glasses.



Product Specification

Formula:	C ₁₈ H ₁₈ N ₂
MW:	262.35
Purity:	>=95%
Appearance:	Solid.
Solubility:	H ₂ O (5mg/ml).
Storage:	+2°C to +8°C. Protect from light.
Synonyms:	Cifenline

Product Description:

Cibenzoline is a class IA antiarrhythmic drug. Cibenzoline (μM concentrations) blocks ATP-sensitive K channels in heart and pancreatic cells. Cibenzoline interacts with the channel pore-forming subunit of the K(ATP) channel (Kir6.2) from the cytoplasmic side. Cibenzoline also inhibits the delayed rectifier K current in sino-atrial node cells.

Product Reference:

1.Teramoto, N., et al. Br. J. Pharmacol. 133, 154-164, (2001).

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