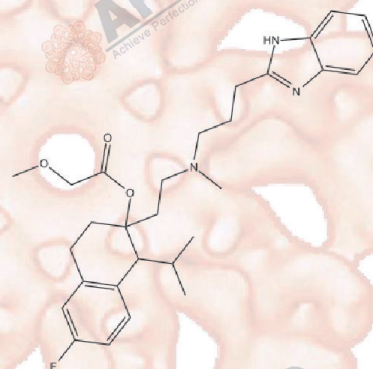


Product Data Sheet

Mibefradil

| | |
|------------------|--|
| Cat. No.: | A3604 |
| CAS No.: | 116644-53-2 |
| Formula: | C ₂₉ H ₃₈ FN ₃ O ₃ |
| M.Wt: | 495.63 |
| Synonyms: | Ro 40-5967 |
| Target: | Membrane Transporter/Ion Channel |
| Pathway: | Calcium Channel |
| Storage: | Store at -20°C |



Solvent & Solubility

≥49.6 mg/mL in DMSO; ≥53.4 mg/mL in EtOH with gentle warming; ≥96.8 mg/mL in H₂O with gentle warming

In Vitro

Preparing

Stock Solutions

| Solvent | Concentration | Mass | | |
|---------|---------------|-----------|------------|------------|
| | | 1mg | 5mg | 10mg |
| | 1 mM | 2.0176 mL | 10.0882 mL | 20.1763 mL |
| | 5 mM | 0.4035 mL | 2.0176 mL | 4.0353 mL |
| | 10 mM | 0.2018 mL | 1.0088 mL | 2.0176 mL |

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

Biological Activity

Shortsummary

Calcium channel blocker

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

See more customer validations on 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.

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