

Product Data Sheet

Mitiglinide Calcium

| | |
|------------------|---|
| Cat. No.: | B2193 |
| CAS No.: | 145525-41-3 |
| Formula: | C ₃₈ H ₄₈ CaN ₂ O ₆ |
| M.Wt: | 668.88 |
| Synonyms: | |
| Target: | Membrane Transporter/Ion Channel |
| Pathway: | Potassium Channel |
| Storage: | Store at -20°C |



Solvent & Solubility

≥33.45 mg/mL in DMSO with gentle warming; insoluble in H₂O; ≥10.14 mg/mL in EtOH

In Vitro

| | Solvent | Mass Concentration | 1mg | 5mg | 10mg |
|------------------------------|---------|-----------------------|-----------|-----------|------------|
| | | | | | |
| Preparing Stock Solutions | | 1 mM | 1.4950 mL | 7.4752 mL | 14.9504 mL |
| | | 5 mM | 0.2990 mL | 1.4950 mL | 2.9901 mL |
| | | 10 mM | 0.1495 mL | 0.7475 mL | 1.4950 mL |

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

Biological Activity

Shortsummary

Potassium channel inhibitor

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 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.

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