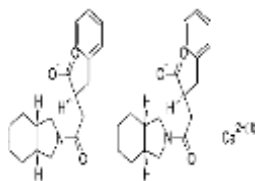


PRODUCT: Mitiglinide calcium**ALTERNATE NAMES:** (2S)-4-[(3aR,7aS)-1,3,3a,4,5,6,7,7a-octahydroisindol-2-yl]-2-benzyl-4-oxobutanoate, calcium**CATALOG NUMBER:** B2108-10, 50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₉H₂₄NO₃·0.5Ca**MOLECULAR WEIGHT:** 334.44**CAS NUMBER:** 145525-41-3**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO (~10 mg/ml)**PURITY:** ≥98%**STORAGE:** Store at -20 °C. Protect from air and moisture**DESCRIPTION:** Mitiglinide calcium is a highly selective potassium channel blocker that stimulates insulin secretion by closing the ATP-sensitive K(+) K(ATP) channels in pancreatic beta-cells. Mitiglinide is a useful drug for the treatment of type 2 diabetes.**REFERENCE:** Phillippe H.M. and Wargo K.A. (2013). *Expert Opin Pharmacother.*14, 2133-2144**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Chlorpropamide (**Cat. No. B2105-100, 500**)
 Dipeptidylpeptidase IV, Human Plasma (**Cat. No. 4709-10**)
 Dipeptidylpeptidase IV, Human Recombinant (**Cat. No. 4710-10, 50, 1000**)
 Dipeptidylpeptidase IV Inhibitor, K 579 (**Cat. No. 1963-1, 5**)
 Dipeptidylpeptidase IV Inhibitor, NVP DPP 728 (**Cat. No. 1964-1, 5**)
 Diprotin A (**Cat. No. 2191-5, 25**)
 Diprotin B (**Cat. No. 2192-5, 25**)
 DiscoveryPak™ DPP-4 Inhibitors Set (**K890-5**)
 DPP4 Activity Assay Kit (**Cat. No. K779-100**)
 DPP4 Inhibitor Screening Kit (**Cat. No. K780-100**)
 Extedin-4 (acetate) (**Cat. No. B2106-1,5**)
 Glimepiride (**Cat. No. B2107-100,500**)
 Linagliptin (**Cat. No. 2240-50, 250**)
 Mitiglinide calcium (**Cat. No. B2108-10, 50**)
 MK-3102 (**Cat. No. 9599-1,5**)
 Sitagliptin Phosphate Monohydrate (**Cat. No. 1757-100, 1G**)
 Stevioside hydrate (**Cat. No. B1242-5,25**)
 Vlidagliptin (**Cat. No. 2188-10, 50**)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**