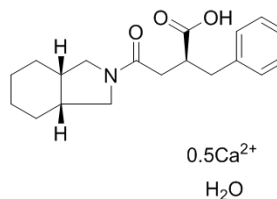


Product Name	: Mitiglinide calcium hydrate
Synonyms	: KAD-1229 calcium hydrate; S-21403 calcium hydrate
Cat No.	: M13230
CAS Number	: 207844-01-7
Molecular Formula	: C ₁₉ H ₂₅ NO ₃ · 1/2 Ca · H ₂ O
Formula Weight	: 353.46
Chemical Name	: 2H-Isoindole-2-butanoic acid, octahydro-γ-oxo-α-(phenylmethyl)-, calcium salt, hydrate (2:1:2), (αS,3aR,7aS)-
Description	: An insulin secretion stimulator by closing the ATP-sensitive potassium KATP channels in pancreatic β cells; has potent hypoglycemic effects. Diabetes Approved
Pathway	: Cell Cycle/DNA Damage
Target	: Potassium Channel
Receptor	: PotassiumChannel
Solubility	: 10 mM in DMSO
SMILES	: <chem>C1CC[C@H]2CN(C[C@H]2C1)C(=O)C[C@H](CC3=CC=CC=C3)C(=O)[O-].C1CC[C@H]2CN(C[C@H]2C1)C(=O)C[C@H](CC3=CC=CC=C3)C(=O)[O-].O.O.[Ca+2]</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Ohnata H, et al. J Pharmacol Exp Ther. 1994 May;269(2):489-95. 2. Ohnata H, et al. Biochem Pharmacol. 1995 Jan 18;49(2):165-71. 3. Kinukawa M, et al. Br J Pharmacol. 1996 Apr;117(8):1702-6.