

Meglitinides (glinides)

Adapted from How Sweet It Is! Management of Diabetes: Oral Medications

By Mary Lynn McPherson, PharmD, MA, BCPS, CPE

Characteristic		
Class	Meglitinides (glinides)	
Compound(s)	Repaglinide, Nateglinide	
Cellular mechanism(s)	Closes K_{ATP} channels on β -cell plasma membranes	
Primary physiological action(s)	Increased insulin secretion	
Advantages	Reduced postprandial glucose excursions	Dosing flexibility
Disadvantages	Hypoglycemia Frequent dosing schedule	Weight gain
Cost	Moderate	

Resources:

- Diabetes Care 2017;40(Supp 1):S64-S74