

This table of available diabetes medications and their potential risk for hypoglycemia is based on information published by the American Diabetes Association. These therapies are for use in nonpregnant adults with type 2 diabetes so the medications listed here may not be used in patients with type 1 diabetes.

Class of Medications	Medications/Therapies in Class	Hypoglycemia Risk?
Oral Agents		
Biguanides	→ Metformin (Glucophage®/others)	No
SGLT2 inhibitors	→ Canagliflozin (Invokana®) → Dapagliflozin (Farxiga®) → Empagliflozin (Jardiance®) → Ertugliflozin (Steglatro™)	No
DPP-4 inhibitors	→ Sitagliptin (Januvia®) → Saxagliptin (Onglyza®) → Linagliptin (Tradjenta®) → Alogliptin (Nesina)	No
Sulfonylureas	→ Glyburide (Diabeta, Glynase) → Glipizide (Glucotrol/others) → Glimepiride (Amaryl/others)	Yes
TZDs	→ Pioglitazone (Actos/others) → Rosiglitazone (Avandia/others)	Low risk
Meglitinides (Glinides)	→ Repaglinide (Prandin/others) → Nateglinide (Starlix/others)	Yes
α-Glucosidase inhibitors	→ Acarbose (Precose/others) → Miglitol (Glyset/others)	Low risk
Bile acid sequestrants	→ Colesevelam (Welchol)	No

Injectable Therapies		
Insulins		
Long acting (basal)	<ul style="list-style-type: none"> → Degludec (Tresiba®) → Detemir (Levemir®) → Glargine (Lantus®, Toujeo®) 	Yes
Intermediate acting (basal)	<ul style="list-style-type: none"> → Human Neutral protamine Hagedorn 	Yes
Rapid acting	<ul style="list-style-type: none"> → Aspart (conventional and fast acting; NovoLog®, Fiasp®) → Lispro (Humalog®) → Glulisine (Apidra®) 	Yes
Inhaled rapid acting	<ul style="list-style-type: none"> → Human insulin inhalation powder (Afrezza®) 	Yes
Short acting	<ul style="list-style-type: none"> → Human regular (Novolin® rapid-acting insulin) 	Yes
Premixed	<ul style="list-style-type: none"> → Many types 	Yes
GLP-1 RAs (Glucagon-like peptide 1 receptor agonists)		
Shorter acting	<ul style="list-style-type: none"> → Exenatide (Byetta®) → Lixisenatide (Adlyxin™) 	No (as monotherapy)
Longer acting	<ul style="list-style-type: none"> → Dulaglutide (Trulicity®) → Exenatide extended release (Bydureon®) → Liraglutide (Victoza®) → Semaglutide (Ozempic®) 	No (as monotherapy)
Other Injectables		
Amylin mimetics	<ul style="list-style-type: none"> → Pramlintide (Symlin®) 	Yes
Fixed-dose combination of GLP-1 RA and basal insulin analogs	<ul style="list-style-type: none"> → Liraglutide/degludec (Xultophy®) → Lixisenatide/glargine (Soliqua®) 	Reduced vs. components alone