

ANTI-DIABETIC AGENTS (part 1 of 2)^o

Generic	Brand & Company	Strength	Formulations [†]	Usual Maintenance Range*	Usual Max Dose
ALPHA-GLUCOSIDASE INHIBITORS					
acarbose	Precose Bayer	25mg, 100mg, 50mg	tabs scored tabs	50–100mg three times daily	≤60kg: 150mg/day in divided doses. >60kg: 300mg/day in divided doses
miglitol	Glyset Pfizer	25mg, 50mg, 100mg	tabs	50mg three times daily	300mg/day in 3 divided doses
AMINO ACID DERIVATIVES					
nateglinide	Starlix Novartis	60mg, 120mg	tabs	120mg 1–30min before meals three times daily	360mg/day in 3 equal divided doses
AMYLIN ANALOGUE/AMYLINOMIMETIC					
pramlintide	Symlin Amylin	0.6mg/mL	injectable soln	Type 1: initially 15micrograms (mcg); titrate in 15mcg increments if no significant nausea occurs for at least 3 days; maintenance: 60mcg (30mcg only if 60mcg is not tolerated). If nausea occurs at 45 or 60mcg dose, reduce to 30mcg; if not tolerated, consider discontinuing therapy. Type 2: initially 60micrograms (mcg); may increase to 120mcg if no significant nausea occurs for 3–7days; if nausea occurs at 120mcg reduce to 60mcg.	—
BIGUANIDES					
metformin	Fortamet Shionogi	500mg, 1000mg	ext-rel tabs	500mg–2.5g once daily	2.5g/day
	Glucophage Bristol-Myers Squibb	500mg, 850mg, 1000mg	tabs	500mg–2.55grams in 2 or 3 divided doses	2.55grams/day
	Glucophage XR Bristol-Myers Squibb	500mg, 750mg	ext-rel tabs	500mg–2g in single or 2 divided doses	2g in single or in 2 divided doses
	Glumetza Santarus, Inc.	500mg	ext-rel tabs	500mg–2g once daily	2g/day
	Riomet Ranbaxy	500mg/5mL	oral soln	500mg–2.55grams (5mL–2.5mL) in 2 or 3 divided doses	2.55grams/day (25.5mL/day)
BILE ACID SEQUESTRANT					
colesevelam	Welchol Daiichi Sankyo	625mg	tabs	6 tablets once daily or 3 tablets twice daily	4.5g/day
	Welchol for Oral Suspension Daiichi Sankyo	1.875g, 3.75g	pwd pkts	One 1.875g pkt twice daily or one 3.75g pkt once daily	
DIPEPTIDYL PEPTIDASE-4 INHIBITOR					
linagliptin	Tradjenta Boehringer Ingelheim and Lilly	5mg	tabs	5mg once daily	—
saxagliptin	Onglyza Bristol-Myers Squibb	2.5mg, 5mg	tabs	2.5mg or 5mg once daily	—
sitagliptin	Januvia Merck	25mg, 50mg, 100mg	tabs	—	100mg once daily
COMBINATION DIPEPTIDYL PEPTIDASE-4 INHIBITOR + BIGUANIDE					
linagliptin + metformin	Jentadueto Boehringer Ingelheim and Lilly	2.5mg/500mg, 2.5mg/850mg, 2.5mg/1000mg	tabs	—	2.5mg/1000mg twice daily
saxagliptin + metformin (ext-rel)	Kombiglyze XR Bristol-Myers Squibb	5mg/500mg, 5mg/1000mg, 2.5mg/1000mg	tabs	—	5mg/2g per day
sitagliptin + metformin	Janumet Merck	50mg/500mg, 50mg/1000mg	tabs	—	100mg/2g per day
	Janumet XR Merck	50mg/500mg, 50mg/1000mg, 100mg/1000mg	ext-rel tabs		
COMBINATION DIPEPTIDYL PEPTIDASE-4 INHIBITOR + STATIN					
sitagliptin + simvastatin	Juvisync Merck	100mg/10mg, 100mg/20mg, 100mg/40mg	tabs	Initially 100mg/40mg once a day in the evening	—
GLUCAGON-LIKE PEPTIDE-1 RECEPTOR AGONIST					
liraglutide [rDNA origin]	Victoza NovoNordisk	6mg/mL	injectable soln	Initially 0.6mg/day for 1 week, then 1.2mg/day; may increase to 1.8mg/day. If >3 days elapsed since last dose, reinitiate at 0.6mg/day, then titrate.	—
INCRETIN MIMETIC					
exenatide	Byetta Amylin and Lilly	250micrograms/mL	injectable soln	Initially 5micrograms twice daily; may increase to 10micrograms twice daily after 1 month	—
exenatide extended-release	Bydureon Amylin and Alkermes	2mg/vial	injectable soln	2mg once every 7 days (weekly)	—

(continued)

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Generic	Brand & Company	Strength	Formulations†	Usual Maintenance Range*	Usual Max Dose
MEGLITINIDES					
repaglinide	Prandin NovoNordisk	0.5mg, 1mg, 2mg	tabs	0.5mg–4mg within 30 min of meals 2–4 times daily	16mg/day
COMBINATION MEGLITINIDES + BIGUANIDE					
repaglinide + metformin	PrandiMet Novo Nordisk	1mg/500mg, 2mg/500mg	tabs	—	10mg/2500mg per day
SODIUM-GLUCOSE CO-TRANSPORTER 2 INHIBITORS					
canagliflozin	Invokana Janssen	100mg, 300mg	tabs	Initially 100mg once daily; may increase to 300mg once daily if tolerated. If eGFR 45–<60mL/miq/1.73m ² : 100mg once daily. If eGFR <45mL/min/1.73m ² : not recommended	—
SULFONYLUREAS					
chlorpropamide 1st generation	Diabinese Pfizer	100mg, 250mg	scored tabs	250–750mg in single or divided doses	750mg/day in single or divided doses
glibeptide	Amaryl Sanofi Aventis	1mg, 2mg, 4mg	scored tabs	1–4mg once daily	8mg/day
glipizide 2nd generation	Glucotrol Pfizer	5mg, 10mg	scored tabs	5–15mg once daily or 5–40mg in divided doses	15mg once daily or 40mg in divided doses
	Glucotrol XL Pfizer	2.5mg, 5mg, 10mg	ext-rel tabs	5–10mg once daily	20mg/day
glyburide 2nd generation	DiaBeta Sanofi Aventis	1.25mg, 2.5mg, 5mg	scored tabs	1.25–20mg in single or divided doses	20mg/day in single or divided doses
	various	1.25mg, 2.5mg, 5mg	scored tabs	1.25–20mg in single or divided doses	20mg/day in single or divided doses
glyburide, micronized 2nd generation	Gynase PresTab Pfizer	1.5mg, 3mg, 6mg	scored tabs	0.75mg–12mg in single or divided doses	12mg/day in divided doses
COMBINATION SULFONYLUREA + BIGUANIDE					
glipizide + metformin	various	2.5mg/250mg, 2.5mg/500mg, 5mg/500mg (mg glipizide/mg metformin)	tabs	—	20mg/2000mg per day in single or divided doses
glyburide + metformin	Glucovance Bristol-Myers Squibb	1.25mg/250mg, 2.5mg/500mg, 5mg/500mg (mg glyburide/mg metformin)	tabs	—	20mg/2000mg per day in single or divided doses
THIAZOLIDINEDIONES					
pioglitazone	Actos Takeda	15mg, 30mg, 45mg	tabs	15–45mg once daily	45mg once daily
rosiglitazone	Avandia GlaxoSmithKline	2mg, 4mg, 8mg	tabs	4mg–8mg in single or 2 divided doses	8mg/day
COMBINATION THIAZOLIDINEDIONE + BIGUANIDE					
pioglitazone + metformin	ACTOplus met Takeda	15mg/500mg, 15mg/850mg	tabs	—	45mg/2550mg per day in divided doses
	ACTOplus met XR Takeda	15mg/1000mg, 30mg/1000mg	ext-rel tabs	—	45mg/2000mg per day
rosiglitazone + metformin	Avandamet GlaxoSmithKline	2mg/500mg, 4mg/500mg, 2mg/1000mg, 4mg/1000mg (mg rosiglitazone/mg metformin)	tabs	—	8mg/2000mg per day in divided doses
COMBINATION THIAZOLIDINEDIONE + SULFONYLUREA					
pioglitazone + glibeptide	Duetact Takeda	30mg/2mg, 30mg/4mg (mg pioglitazone/mg glibeptide)	tabs	—	One 30mg/4mg tab once daily
rosiglitazone + glibeptide	Avandaryl GlaxoSmithKline	4mg/1mg, 4mg/2mg, 4mg/4mg (mg rosiglitazone/mg glibeptide)	tabs	—	8mg/4mg per day

NOTES
† tabs=tablets, ext-rel tabs=extended-release tablets, soln=solution, pwd pkts=powder packets
* Usual Maintenance Range is the manufacturer's suggested guideline. Patients' individual needs may vary. Adjust dose based on clinical effect. Start at a low dose and gradually titrate upwards according to clinical effect (especially in the elderly, malnourished, debilitated, or those who have renal and/or hepatic dysfunction).
• These products are intended for use as part of a total treatment regimen to maintain glycemic control that includes diet, regular exercise, blood glucose monitoring, and glycosylated hemoglobin monitoring. Patients should maintain regular caloric intake.
• See individual product entries for initial dosing information and other important information.
◊ Drug information on insulins can be found on the Insulin Administration or Insulins Charts in the Diabetes Section.