

Diabetes Research

Diabetes is a complex metabolic disorder driven by genetic and environmental factors, affecting more than 420 million people worldwide. If untreated, this chronic condition leads to a series of secondary complications such as eye, kidney and peripheral nerve damage, as well as stroke. Development of new therapies for management and prevention of this disease are of major interest in healthcare.

Code	Product	Activity	Quantity*	Price (\$)
Diabetogenic compounds				
MS07936	Streptozotocin	Inhibitor of O-GlcNAcase	250 mg	62.50
FA01469	Alloxan	Inhibitor of O-GlcNAc transferase	10 g	50.00
MD08856	Thiamet G	Inhibitor of O-GlcNAc cycling	25 mg	65.00
Control of glucose homeostasis				
BM164663	Metformin	Inhibitor of gluconeogenesis; insulin sensitizer	100 mg	50.00
NA03552	Acadesine	Activator of AMPK; adenosine receptor agonist	250 mg	50.00
FM12075	3-Mercaptopicolinic acid	Inhibitor of phosphoenolpyruvate carboxykinase	50 mg	65.00
BB166031	BAY 876 NEW	Inhibitor of glucose transporter GLUT1	10 mg	155.00
FU65200	UK 5099	Inhibitor of mitochondrial pyruvate carrier	10 mg	75.00
BA167876	AM 2394 NEW	Activator of glucokinase	10 mg	125.00
FT30356	Tideglusib	Inhibitor of GSK3 kinase	10 mg	95.00
Control of insulin secretion				
FG109155	GLP-1 (9-36) amide trifluoroacetate	Stimulator of insulin secretion; inhibitor of glucagon secretion	1 mg	250.00
FE23212	Exenatide	GLP-1 receptor agonist	10 mg	95.00
FA29598	Saxagliptin	DPP-4 enzyme inhibitor	50 mg	60.00
BV164521	Vildagliptin	DPP-4 enzyme inhibitor	10 mg	45.00
FA61528	Alogliptin benzoate	DPP-4 enzyme inhibitor	50 mg	90.00
FC19809	Carbutamide	Ligand for SUR1 receptor on β -cells; closes KATP channels	5 mg	60.00
FM39317	Mitiglinide calcium	Ligand for SUR1 receptor on β -cells; closes KATP channels	10 mg	70.00
BR164332	Repaglinide	Ligand for SUR1 receptor on β -cells; closes KATP channels	25 mg	59.00
Control of insulin action				
BP164272	Pioglitazone hydrochloride	PPAR- γ agonist	10 mg	55.00
BR164376	Rosiglitazone maleate	PPAR- γ agonist	50 mg	54.00
FT28613	Troglitazone	PPAR- γ agonist	10 mg	95.00
Control of glucose resorption				
BD164346	Dapagliflozin	Antagonist of sodium-glucose cotransporter	100 mg	50.00
FA58137	Ipragliflozin	Antagonist of sodium-glucose cotransporter	10 mg	75.00
MC58356	Canagliflozin	Antagonist of sodium-glucose cotransporter	50 mg	50.00