

TABLE 7.2 Examples of GPCR-targeting drugs.

Type of Disease or Disorder	Disease or Disorder	Drug	Target GPCR
Psychiatric	Depression or anxiety	Buspirone	5-HT _{1A} and D ₂ receptors
	Schizophrenia	Aripiprazole	D ₂ (dopamine) receptor
	Insomnia	Suvorexant	Orexin receptor
Cardiovascular	Hypertension	Valsartan	Angiotensin receptor
	Congestive heart failure Thrombosis	Clopidogrel	P2Y ₁₂ receptor
Neurological	Pain	Oxycodone	Opioid receptors
	Migraine	Sumatriptan	5-HT ₁ receptor
	Vomiting or nausea	Dolasetron	5-HT ₃ receptor
Respiratory	Asthma or chronic obstructive pulmonary disease (COPD)	Salmeterol	β_2 -adrenergic receptor
Metabolic	Diabetes	Albiglutide	GLP-1 receptor
Hormonal	Hypothyroidism	Parathyroid hormone	PTH receptor
	Acromegaly	Octreotide	Somatostatin receptor
Gastrointestinal	Gastric ulcers	Ranitidine	H ₂ receptor
Cancer	Prostate cancer	Leuprolide	GNRH receptor