A Serotoneraic neurons Depressant Tryptophan Inhibition of synthesis Antidepressant (p-chlorophenylalanine) No effect on mood 5-OH-Tryptophan 5-HIAA 5-HT Interference with vesicular storage (reserpine) Inhibition of MAO (phenelzine. MAO inhibitors tranvlcvpromine) 3 Stimulation of autoreceptor as agonist (8-hydroxy-dipropylaminotetraline) 5-HT Inhibition of reuptake transporter Tricyclics and (imipramine, 4 selective serotonin Stimulation of 5-HT

5-HT receptor

amitryptyline, fluoxetine,

sertraline)

reuptake inhibitors

B Noradrenergic neurons

receptors as partial

agonist (lysergic acid diethylamide)

