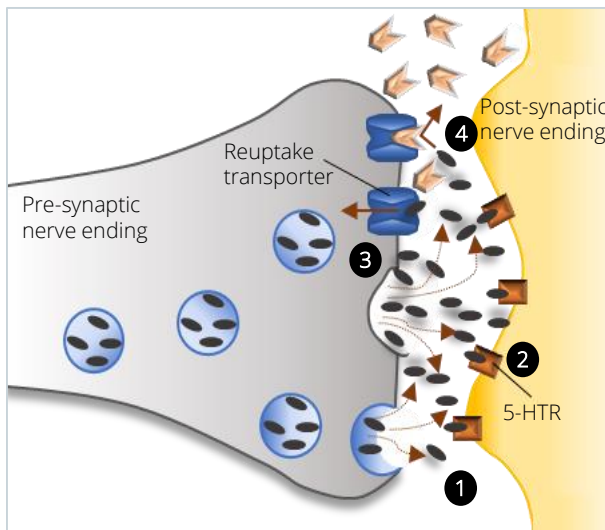


Serotonin Reuptake Inhibitors

Serotonin reuptake inhibitors (SRIs) block serotonin reuptake from the synaptic cleft. SRIs have better side effect profiles than tricyclic anti-depressants. Adverse effects linked with SSRIs include drowsiness, nausea, abdominal pain, sexual dysfunction and headache. SRIs have therapeutic applications in depression, anxiety, pain and eating disorders.



Serotonin release, reuptake and the role of SRIs

1. Serotonin (5-HT) released from the pre-synaptic nerve ending.
2. 5-HT bind to receptors (5-HTR) on post-synaptic nerve ending.
3. Reuptake transporters deplete 5-HT levels at the synaptic cleft.
4. SRIs bind to reuptake transporters and block 5-HT reuptake.

Code	Product	Activity	Quantity	Price (\$)
Selective serotonin reuptake inhibitors				
BC164316	Citalopram hydrogen bromide	Anti-depressant	10 mg	55.00
BP164263	Paroxetine hydrochloride hemihydrate	NOS enzyme inhibitor	25 mg	32.00
BS164399	Sertraline hydrochloride	Anti-depressant; anti-platelet agent	10 mg	65.00
BD164348	Dapoxetine hydrochloride	Used to treat premature ejaculation	10 mg	35.00
BF164448	Fenfluramine hydrochloride	Anorectic	100 mg	50.00
BF163653	Fluoxetine hydrochloride	Anti-depressant	25 mg	45.00
BF164479	Fluvoxamine	Anti-depressant	10 mg	54.00
FZ28762	Zimeldine	Anti-depressant	1 mg	160.00
Non-selective serotonin reuptake inhibitors				
BC164325	Clomipramine hydrochloride	Norepinephrine reuptake inhibitor; anti-depressant	100 mg	50.00
BD164382	Dothiepin hydrochloride	Norepinephrine reuptake inhibitor; anti-depressant	10 mg	55.00
BI164574	Imipramine hydrochloride	Norepinephrine reuptake inhibitor; anti-depressant	100 mg	50.00
BL164630	Lofepramine	Norepinephrine reuptake inhibitor; anti-depressant	10 mg	108.00
BN164160	Nortriptyline hydrochloride	Norepinephrine reuptake inhibitor; anti-depressant	25 mg	54.00
BV164514	Venlafaxine hydrochloride	Norepinephrine reuptake inhibitor; anti-depressant	10 mg	55.00