

Neuroscience based Nomenclature - NbN Glossary*

Former terminology	NbN - Pharmacological based		
Indication-based	Pharmacology	Mode of action**	Drugs
Antidepressant	Drugs for depression		
(TCA)	norepinephrine	reuptake inhibitor (NET)	desipramine
	norepinephrine, serotonin	reuptake inhibitor (NET and SERT)	protriptyline, lofepramine, amoxapine, nortriptyline
	serotonin, norepinephrine	reuptake inhibitor (SERT and NET)	imipramine, dosulepin,
	serotonin	reuptake inhibitor (SERT)	clomipramine
	serotonin, norepinephrine	MM; reuptake inhibitor (SERT and NET), receptor antagonist (5-HT ₂)	amitriptyline
	norepinephrine, serotonin	MM; reuptake inhibitor (NET and SERT), receptor antagonist (5-HT ₂)	Doxepin
	serotonin, dopamine	receptor antagonist (5-HT ₂ and D ₂)	trimipramine
(MAOI)	serotonin, norepinephrine, dopamine	enzyme inhibitor (MAO-A and -B)	isocarboxazid, phenelzine
		reversible enzyme inhibitor (MAO-A)	moclobemide
		MM; enzyme inhibitor (MAO-A and -B), releaser (DAT, NET)	tranylcypromine
	dopamine, norepinephrine, serotonin	enzyme inhibitor (MAO-B and -A)	selegiline
(SSRI)	serotonin	reuptake inhibitor (SERT)	citalopram, escitalopram, fluoxetine, fluvoxamine, paroxetine, sertraline
(SNRI)	serotonin, norepinephrine	reuptake inhibitor (SERT and NET)	venlafaxine, duloxetine
	norepinephrine, serotonin	reuptake inhibitor (NET and SERT)	milnacipran
Stimulants			
	Dopamine and norepinephrine	Reuptake inhibitors and release	amphetamine (D) and (D,L), lisdexamfetamine, methylphenidate (D) and (D, L)
Antipsychotic (Neuroleptics, Major tranquillisers)	Drugs for psychosis		
Typical (1st generation)	dopamine	receptor antagonist (D ₂)	flupenthixol, fluphenazine, haloperidol, perphenazine, pimozide, pipotiazine, sulphiride, trifluoperazine, zuclopenthixol
	dopamine, serotonin	receptor antagonist (D ₂ , 5-HT ₂)	chlorpromazine, thioridazine
Atypical (2nd generation)	dopamine	receptor antagonist (D ₂)	amisulpride
	dopamine, serotonin	receptor antagonist (D ₂ , 5-HT ₂)	iloperidone, loxapine, lurasidone, olanzapine, perospirone, sertindole, ziprasidone, zotepine
	dopamine, serotonin	receptor partial agonist (D ₂ , 5-HT _{1A})	aripiprazole
	dopamine, serotonin, noradrenaline	receptor antagonist (D ₂ , 5-HT ₂ , NE alpha-2)	asenapine, clozapine, risperidone, paliperidone
MM; receptor antagonist (D ₂ , 5-HT ₂) and reuptake inhibitor (NET)(metabolite)		quetiapine	
Anxiolytic	Drugs for Anxiety		
(benzodiazepine)	GABA	Positive Allosteric Modulator (GABA-A receptor, benzodiazepine site)	alprazolam, chlordiazepoxide, clonazepam, clorazepate, diazepam, flunitrazepam, lorazepam, oxazepam
	serotonin	receptor partial agonist (5-HT _{1A})	bupirone
	glutamate	voltage-gated calcium channel blocker	gabapentin, pregabalin
	histamine	receptor antagonist (H ₁)	hydroxyzine

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Hypnotic	Drugs for Insomnia		
(benzodiazepine)	GABA	Positive Allosteric Modulator (GABA-A receptor, benzodiazepine site)	estazolam, eszopiclone, flunitrazepam, lormetazepam, midazolam, quazepam, temazepam, triazolam, zaleplon, zolpidem , zopiclone
	melatonin	receptor agonist (M1, M2)	melatonin, ramelteon
Mood Stabilizers	Drugs for relapse prevention		
	glutamate	voltage-gated sodium and calcium channel blocker	carbamazepine, oxcarbazepine
	glutamate	voltage-gated sodium channel blocker	lamotrigine
	glutamate	yet to be determined	valproate
		enzyme interactions	lithium

* The glossary includes only the psychotropics relevant to former terminology. Newer psychotropics not included here could be found in NbN by their name

** MM (Multi-Model) = more than one mode of action