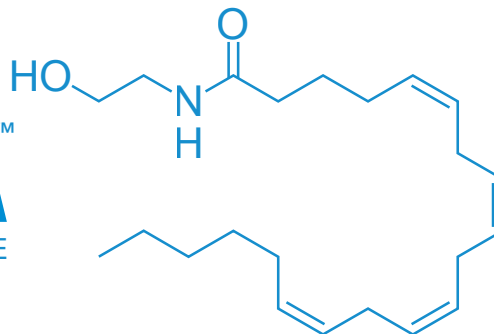


# NeuroAEA™

ANANDAMIDE



NeuroAEA™ is a first-to-market proprietary Anandamide (AEA) fatty acid neurotransmitter stack that may include N-arachidonylethanolamine, β-caryophyllene, kaempferol, vanilloids (capsaicin, vanillin) and myristicin, CBGA, sabinene & phenylpropanoids.

Anandamide (N-arachidonylethanolamine) is a key Fatty Acid Neurotransmitter (endocannabinoid) derived from the non-oxidative metabolism of eicosatetraenoic acid, an essential Omega-6 Fatty Acid. Anandamide acts as an endogenous ligand of CB1 receptors and provides an important regulatory control of 5-HT (2a) system functions. Anandamide has a very short “half life” due to degradation from fatty acid amide hydrolase (FAAH). Our use of terpenes, myristicin, vanilloids, etc., inhibits FAAH degradation and helps to extend the NeuroAEA™ experience.

Fatty Acid	Structure
Anandamide/ AEA N-arachidonylethanolamine	
2-(Palmitoylamino)ethanol C16:0	
N-Stearoylethanolamine C18:0	
N-Oleoylethanolamine C18:1	
N-Linoleoylethanolamine C18:2	
N-(2-Hydroxyethyl)docosanamide C22:0	
N-γ-Linolenylethanolamide C18:3	
N-Arachidoylethanolamine C20:0	
Myristic monoethanolamide C14:0	
N-palmitoleylethanolamide C16:1	
C20:3	
C20:2	

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