



THE TECHNOLOGY

Nicotinamide riboside (NR) is an effective precursor to NAD⁺, which plays a key role in cellular metabolism and energy production. This technology uses highly effective synthetic methods to generate novel analogs of NR. These novel compounds and high efficiency synthetic methods provide opportunities to manipulate NAD levels and thereby to modulate the activity of sirtuins and other ADP-ribosyl transferases. The compounds can be used to destroy or weaken the defenses of cancer cells, to promote survival of neurons, myocytes, or stem cells, to hold stem cells in an undifferentiated state and promote their survival, or to reduce side effects caused by other therapeutics.

Patent	US 8,106,184
Issued	Jan 31, 2012
Inventor	
Licensee	ChromaDex

THE PRODUCT

NIAGEN™

NIAGEN™ is the first and only commercially available brand of Nicotinamide Riboside (NR) that maintains and enhances mitochondrial health by boosting NAD⁺ levels. This can lead to improved endurance due to enhanced mitochondrial function, and has shown to lower high-fat-diet-induced weight gain by enhancing energy metabolism, and promotes healthy cellular metabolism.

