













THE DOZN™ SCALE

Based on the 12 Principles of Green Chemistry*, DOZN helps researchers, scientists, and manufacturers increase performance and efficiency while reducing human and environmental impact.

*Paul T. Anastas and John C. Warner, 1991.

**MILLIPORE
SIGMA**

3-Amino-2-naphthol (164267)

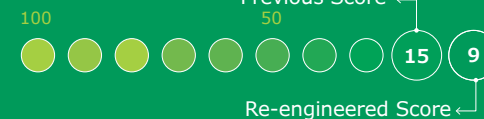
	12 Principles of Green Chemistry	Percentage of Improvement	Results
Resource Used	 Atom Economy	<div><div></div></div> 45%	Increased yield. Used less raw materials
	 Waste Prevention	<div><div></div></div> 42%	Reduced amount of raw materials
	 Reduce Derivatives	<div><div></div></div> 50%	Reduced derivative steps
	 Renewable Feedstocks Use	<div><div></div></div> 45%	Decreased amount of raw materials
	 Real-Time Pollution Prevention	N/A	
	 Catalyst	N/A	
Human & Environmental Hazards Reduction	 Energy Efficiency Design	<div><div></div></div> 98%	Reduced chemical processing
	 Less Hazardous Chemical Synthesis	<div><div></div></div> 37%	Reduced hazardous reaction conditions
	 Safer Chemical Design	N/A	
	 Safer Solvents and Auxiliaries	<div><div></div></div> 26%	Reduced solvent usage
	 Design for Degradation	<div><div></div></div> 7%	Reduced use of substance that degrades to environmentally hazardous materials.
	 Inherently Safer Chemical for Accident Prevention	<div><div></div></div> 36%	Reduced flammability and reactivity hazard

TOTAL PERCENT IMPROVEMENT

40%

AGGREGATE SCORE

0= Most Desirable



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