

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
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3-Amino-2-naphthol (164267)

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

TOTAL PERCENT IMPROVEMENT

40%

AGGREGATE SCORE

0= Most Desirable



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