

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.

4-Acetylbenzonitrile (154393)

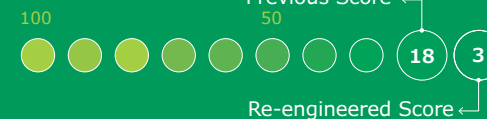
	12 Principles of Green Chemistry	Percentage of Improvement	Results
Resource Used	Atom Economy	88%	Increased yield. Used less raw materials
	Waste Prevention	18%	Reduced amount of raw material
	Reduce Derivatives	N/A	
	Renewable Feedstocks Use	87%	Decreased amount of raw materials
	Real-Time Pollution Prevention	N/A	
	Catalyst	N/A	
Human & Environmental Hazards Reduction	Energy Efficiency Design	95%	Reduced chemical processing
	Less Hazardous Chemical Synthesis	85%	Reduced hazardous reaction conditions
	Safer Chemical Design	N/A	
	Safer Solvents and Auxiliaries	84%	Reduced solvent usage
	Design for Degradation	7%	Reduced use of substance that degrades to environmentally hazardous materials.
	Inherently Safer Chemical for Accident Prevention	87%	Reduced flammability and reactivity hazard

TOTAL PERCENT IMPROVEMENT

83%

AGGREGATE SCORE

0= Most Desirable



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