

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.

2-Methyloxazole-4-carboxaldehyde (705977)

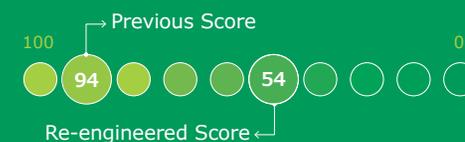
	12 Principles of Green Chemistry	Percentage of Improvement	Results
Resource Used	Atom Economy	19%	Maintained same yield while reducing auxiliaries
	Waste Prevention	36%	Decreased solvent usage
	Reduce Derivatives	N/A	
	Renewable Feedstocks Use	19%	Decreased amount of raw materials
	Real-Time Pollution Prevention	N/A	
	Catalyst	N/A	
	Energy Efficiency Design	47%	Reduced chemical processing
Human & Environmental Hazards Reduction	Less Hazardous Chemical Synthesis	N/A	
	Safer Chemical Design	N/A	
	Safer Solvents and Auxiliaries	40%	Decreased organic solvent usage
	Design for Degradation	N/A	
	Inherently Safer Chemical for Accident Prevention	N/A	

TOTAL PERCENT IMPROVEMENT

43%

AGGREGATE SCORE

0= Most Desirable



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