

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-Chloro-DL-phenylalanine (C6506)

	12 Principles of Green Chemistry	Percentage of Improvement	Results
Resource Used	Atom Economy	5%	Increased yield. Used less raw materials
	Waste Prevention	N/A	
	Reduce Derivatives	N/A	
	Renewable Feedstocks Use	5%	Decreased amount of raw materials
	Real-Time Pollution Prevention	N/A	
	Catalyst	N/A	
Human & Environmental Hazards Reduction	Energy Efficiency Design	63%	Reduced chemical processing
	Less Hazardous Chemical Synthesis	36%	Reduced hazardous reaction conditions
	Safer Chemical Design	13%	Minimizing the toxicity
	Safer Solvents and Auxiliaries	N/A	
	Design for Degradation	N/A	
	Inherently Safer Chemical for Accident Prevention	N/A	

TOTAL PERCENT IMPROVEMENT

50%

AGGREGATE SCORE

0= Most Desirable



Previous Score ←

Re-engineered Score ←

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