

# 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-Vinylanisole (141003)

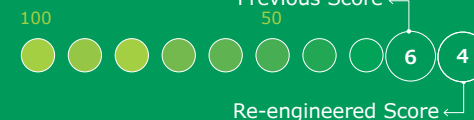
	12 Principles of Green Chemistry	Percentage of Improvement	Results
Resource Used	Atom Economy	<div><div></div></div> 8%	Increased yield. Used less raw materials
	Waste Prevention	N/A	
	Reduce Derivatives	N/A	
	Renewable Feedstocks Use	N/A	
	Real-Time Pollution Prevention	N/A	
	Catalyst	N/A	
Human & Environmental Hazards Reduction	Energy Efficiency Design	<div><div></div></div> 69%	Eliminated the need for extreme reaction conditions
	Less Hazardous Chemical Synthesis	<div><div></div></div> 8%	Reduced use of hazardous reagents at extreme temperatures
	Safer Chemical Design	N/A	
	Safer Solvents and Auxiliaries	N/A	
	Design for Degradation	N/A	
	Inherently Safer Chemical for Accident Prevention	<div><div></div></div> 8%	Reduced flammability and reactivity hazard

TOTAL PERCENT IMPROVEMENT

33%

AGGREGATE SCORE

0= Most Desirable



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