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.

Poly(Glu, Tyr) sodium salt (P0275)

12 Principles of Green Chemistry	Percentage of Improvement	Results
Atom Economy	N/A	
Waste Prevention	N/A	
Reduce Derivatives	70%	Reduced derivative steps
Renewable Feedstocks Use	N/A	
Real-Time Pollution Prevention	N/A	
Catalyst	N/A	
Energy Efficiency Design	50%	Reduced chemical processing
Less Hazardous Chemical Synthesis	N/A	
Safer Chemical Design	17%	Used less hazardous raw materials
Safer Solvents and Auxiliaries	58%	Reduced solvent usage
Design for Degradation	N/A	
Inherently Safer Chemical for Accident Prevention	N/A	

TOTAL PERCENT IMPROVEMENT



AGGREGATE SCORE

0= Most Desirable

Previous Score 50

Re-engineered Score