

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)

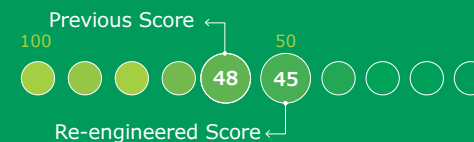
	12 Principles of Green Chemistry	Percentage of Improvement	Results
Resource Used	Atom Economy	N/A	
	Waste Prevention	N/A	
	Reduce Derivatives	70%	Reduced derivative steps
	Renewable Feedstocks Use	N/A	
	Real-Time Pollution Prevention	N/A	
	Catalyst	N/A	
Human & Environmental Hazards Reduction	Energy 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

6%

AGGREGATE SCORE

0= Most Desirable



MilliporeSigma is the U.S. and Canada Life Science business of Merck KGaA, Darmstadt, Germany.

© 2023 Merck KGaA, Darmstadt, Germany and/or its affiliates. All Rights Reserved. MilliporeSigma, the vibrant M and DOZN are trademarks of Merck KGaA, Darmstadt, Germany or its affiliates. All other trademarks are the property of their respective owners. Detailed information on trademarks is available via publicly accessible resources. 2023 - 47005