

# 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.



## tert-Butan-d<sub>9</sub>-ol (614998)

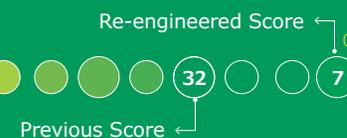
	12 Principles of Green Chemistry	Percentage of Improvement	Results
Resource Used	Atom Economy	<div style="width: 83%;"></div> 83%	Reduced quantity of raw materials
	Waste Prevention	No Change	
	Reduce Derivatives	NA	
	Renewable Feedstocks Use	<div style="width: 83%;"></div> 83%	Reduced auxiliary chemicals and solvent
	Real-Time Pollution Prevention	NA	
	Catalyst	No Change	
Human & Environmental Hazards Reduction	Energy Efficiency Design	<div style="width: 95%;"></div> 95%	Reduced chemical processing
	Less Hazardous Chemical Synthesis	<div style="width: 80%;"></div> 80%	Eliminated hazardous solvents
	Safer Chemical Design	NA	
	Safer Solvents and Auxiliaries	NA	
	Design for Degradation	NA	
	Inherently Safer Chemical for Accident Prevention	<div style="width: 84%;"></div> 84%	Minimized reactivity risk

**TOTAL PERCENT IMPROVEMENT**

**78%**

**AGGREGATE SCORE**

0 = Most Desirable



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