



Division of the History of Chemistry
American Chemical Society

Citation for Chemical Breakthrough



THERMODYNAMICS

AND

THE FREE ENERGY OF CHEMICAL SUBSTANCES

BY

GILBERT NEWTON LEWIS

PROFESSOR OF CHEMISTRY IN THE UNIVERSITY OF CALIFORNIA

AND

MERLE RANDALL

ASSOCIATE PROFESSOR OF CHEMISTRY IN THE UNIVERSITY OF CALIFORNIA

FIRST EDITION

McGRAW-HILL BOOK COMPANY, INC.

NEW YORK: 370 SEVENTH AVENUE

LONDON: 6 & 8 BOUVERIE ST., E. C. 4

1923

Presented to the University of California, Berkeley
2011