Global Optimization of Restructured Ga48N50

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- 1. From direct BLDA sampling with random rattling of 0.1 Angstrom and Hookean pre-optimization.
- 2. The same-element probability penalty is set to 50%, and desorbed N₂ structures are filtered out.
- 3. Color code: Ga light brown; N blue.
- 4. For clarity, the constrained atoms are drawn in white, and the buffer atoms are drawn in shallow color.





