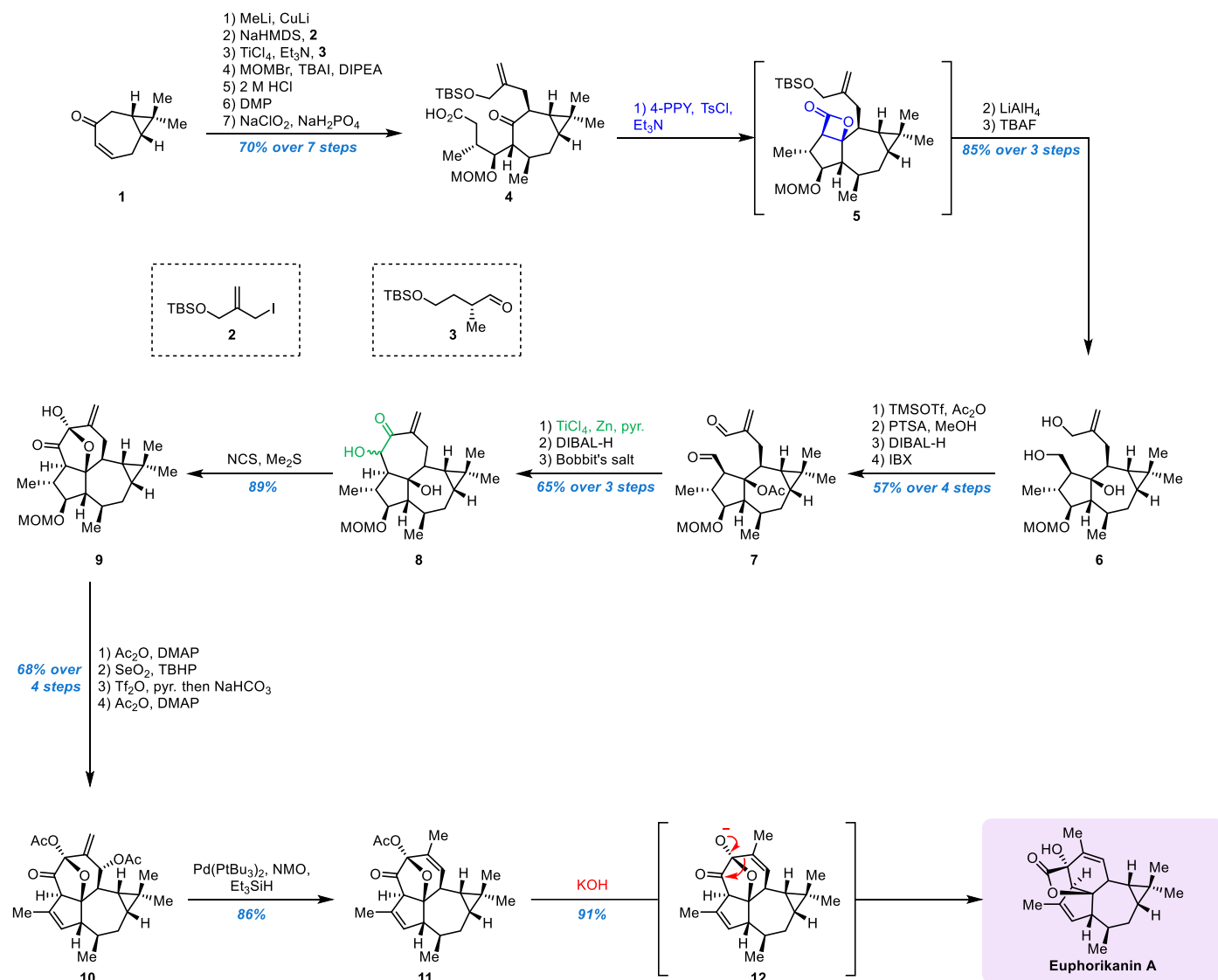




Key Steps:

- **Intramolecular nucleophile-catalyzed aldol lactonization.**
- **McMurry coupling.**
- **Bioinspired benzilic acid type rearrangement.**

Significance:

- **First bioinspired total synthesis of Euphorikanin A.**
- **Providing a different biosynthetic pathway in that [3.2.1] skeleton could be constructed via benzilic acid rearrangement which may be helpful in discovering and synthesizing new natural products of Euphorikanin family.**