Worksheet 2

Provide the major product:

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Provide the major product:
Synthesis. Provide the reagents:

1. $\text{HI}$
2. $\text{PCC, CH}_2\text{Cl}_2$
3. $\text{NaH, Pr-I}$
4. $\text{a) OsO}_4, \text{b) NaHSO}_3\cdot\text{H}_2\text{O}$
5. $\text{NaIO}_4, \text{H}_2\text{O}$
6. $\text{Ms-Cl, Pyr}$
7. $\text{Et-SNa, DMSO}$
8. $\text{NaH, Bu-I}$
9. $\text{excess NaIO}_4, \text{MeOH, warm}$
10. $\text{H}_2\text{SO}_4, \text{H}_2\text{O}$

One Enantiomer