**A**

Chemical structure and reaction scheme:

1. **Left**:
   - Sodium bisulfite (NaO$_2$S)
   - Covalent bond
   - Stiffening effect: 11.4 Å

2. **Right**:
   - Reaction scheme involving Protein1 and Protein2
   - Crosslinking process

**B**

Western analysis gel:

- Lanes for different concentrations of BS3 (0, 0.05, 0.1, 0.5, 1, 2, 5, 10, 50 mM)
- Crosslinked products indicated

**C**

Venn diagrams for intra- and inter-links:

- Left: 2 mM and 5 mM
  - 89 overlaps
  - 67 overlaps
  - 84 total
- Right: 2 mM and 5 mM
  - 68 overlaps
  - 42 overlaps
  - 89 total