Recipe 2.1.2. Creating a molecule with a modification

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1. Problem

You want to create a modified molecule.

2. Solution

You just need a `Molecule` and a `Modification` and the class JPLModifiedMolecule:

```
import org.expasy.jpl.core.mol.chem.impl.ModifiedMolecule;

// get a molecule
Molecule molec = ChemicalFacade.getMolecule("CH3");

// a new simple modification
Modification modif = ModificationFactory.valueOf(12.0);

// a new modified molecule (sorry for this non realistic example :))
Molecule modMol =
        new ModifiedMolecule.Builder(molec, modif).build();

Assert.assertEquals("CH3({12.0000})", modMol.getId());
```

3. Discussion

4. See Also

See also how to create a peptide from a list of `ModifiedMolecule`.