

tesseract\_motion\_planners  
/ompl/include/tesseract  
\_motion\_planners/ompl/compound  
\_state\_validator.h

```
graph BT; A["tesseract_motion_planners/ompl/src/compound_state_validator.cpp"] --> C["tesseract_motion_planners/ompl/include/tesseract_motion_planners/ompl/compound_state_validator.h"]; B["tesseract_motion_planners/ompl/src/profile/ompl_default_plan_profile.cpp"] --> C;
```

This diagram illustrates the relationship between two source files and a header file in the Tesseract motion planners module. The header file, `compound_state_validator.h`, is located in the `ompl/include/tesseract_motion_planners/ompl/` directory. It is included by two source files: `compound_state_validator.cpp` and `default_plan_profile.cpp`, both located in the `ompl/src/` directory. The header file is highlighted in a gray box, while the source files are in white boxes. Blue arrows point from the source files to the header file, indicating the inclusion relationship.

tesseract\_motion\_planners  
/ompl/src/compound\_state  
\_validator.cpp

tesseract\_motion\_planners  
/ompl/src/profile/ompl  
\_default\_plan\_profile.cpp