

`std::false_type`

```
classDiagram
    class std_false_type["std::false_type"]
    class std_math_concepts_product_exists["std::math::concepts::product_exists< T, U, class >"]
    std_math_concepts_product_exists --|> std_false_type
```

The diagram consists of two class boxes. The top box, representing `std::false_type`, is white with a black border and is divided into three horizontal sections. The bottom section contains the text `std::false_type`. The middle section is empty. The top section is empty. The bottom box, representing `std::math::concepts::product_exists< T, U, class >`, is gray with a black border and is also divided into three horizontal sections. The top section contains the text `std::math::concepts::product_exists< T, U, class >`. The middle and bottom sections are empty. A blue arrow points from the top section of the bottom box to the bottom section of the top box, indicating an inheritance relationship.

`std::math::concepts
::product_exists< T,
U, class >`