

Synthesis of (S)-6-Hydroxytryptophan and Derivatives Thereof

Abstract

The present invention relates to novel methods and compounds for synthesizing amanitin derivatives. The invention in particular relates to methods for synthesizing (S)-6-hydroxytryptophan derivatives which can be used as building blocks for synthesizing amanitin derivatives or amatoxin drug conjugates. The invention further relates to intermediate compounds of said synthesis pathways for use in amanitin derivative and amatoxin drug conjugate synthesis, and to the use of particular catalysts suited for mediating said synthesis pathways.

[Fig. 1]