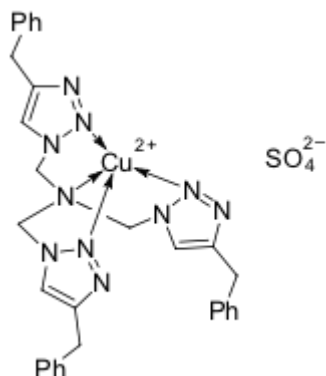


## Copper(II)-TBTA complex, 10 mM in 55% aq. DMSO

Copper (II)-TBTA complex is a component of catalyst used for Click Chemistry conjugation reaction. Actual catalyst contains Cu(I), but this reagent cannot be stored, and should be generated from Copper(II)-TBTA complex in situ by reduction. To activate this catalyst, reductant such as [ascorbic acid](#) should be added to reaction mixture.



**Copper(II)-TBTA complex structure**

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### General properties

Appearance: blue solution

Molecular weight: 690.23

Molecular formula: C<sub>30</sub>H<sub>30</sub>CuN<sub>10</sub>O<sub>4</sub>S

Quality control: functional testing (Click Chemistry)

Storage conditions: Storage: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks.