



# SZABO SCANDIC

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### Zuschläge

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- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Tetrachloroaurate(III) sodium dihydrate

Cat. No.:	HY-W094511
CAS No.:	13874-02-7
Molecular Formula:	AuCl <sub>4</sub> H <sub>4</sub> NaO <sub>2</sub>
Molecular Weight:	397.8
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Tetrachloroaurate III sodium dihydrate (Gold chloride sodium dihydrate) is utilized as catalyst in reactions like nucleophilic addition to multiple bonds, nucleophilic substitution of propargylic alcohols, and nonsymmetrical etherization<sup>[1][2]</sup>.

### REFERENCES

- [1]. Georgy M, et al., Gold(III)-catalyzed nucleophilic substitution of propargylic alcohols. J Am Chem Soc. 2005 Oct 19;127(41):14180-1.
- [2]. Cuenca AB, et al., Water compatible gold(III)-catalysed synthesis of unsymmetrical ethers from alcohols. Chemistry. 2008;14(5):1518-23.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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