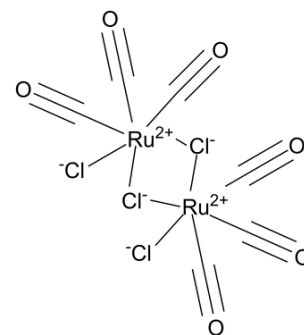


## Tricarbonyldichlororuthenium(II) dimer

Cat. No.:	HY-W033577
CAS No.:	22594-69-0
Molecular Formula:	C <sub>6</sub> Cl <sub>4</sub> O <sub>6</sub> Ru <sub>2</sub>
Molecular Weight:	512.01
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the COA.



### BIOLOGICAL ACTIVITY

#### Description

Tricarbonyldichlororuthenium(II) dimer is a pharmacological donor of CO releasing. CO releases from Tricarbonyldichlororuthenium(II) dimer prevents gastric mucosal oxidative damage induced by ischemia/reperfusion (I/R) improving gastric blood flow (GBF), decreasing DNA oxidation and inflammatory response on systemic level<sup>[1]</sup>.

### REFERENCES

[1]. Magierowska K, et, al. Oxidative gastric mucosal damage induced by ischemia/reperfusion and the mechanisms of its prevention by carbon monoxide-releasing tricarbonyldichlororuthenium (II) dimer. *Free Radic Biol Med.* 2019 Dec; 145:198-208.

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

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