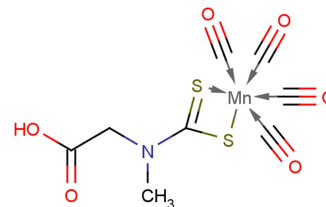


CORM-401

**Chemical Properties**

CAS No.: 1001015-18-4  
Formula: C<sub>8</sub>H<sub>8</sub>MnNO<sub>6</sub>S<sub>2</sub>  
Molecular Weight: 333.22  
Appearance: N/A  
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	CORM-401 is an oxidant-sensitive CO-releasing molecule. It can be used in oxidative stress-mediated pathologies and the research of inflammatory.
Targets(IC <sub>50</sub> )	Others: None

**Solubility Information**

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.001 mL	15.005 mL	30.01 mL
5 mM	0.6 mL	3.001 mL	6.002 mL
10 mM	0.3 mL	1.501 mL	3.001 mL
50 mM	0.06 mL	0.3 mL	0.6 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. CORM-401, et al. Vascular and angiogenic activities of CORM-401, an oxidant-sensitive CO-releasing molecule. *Biochem Pharmacol.* 2016 Feb 15;102:64-77.

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