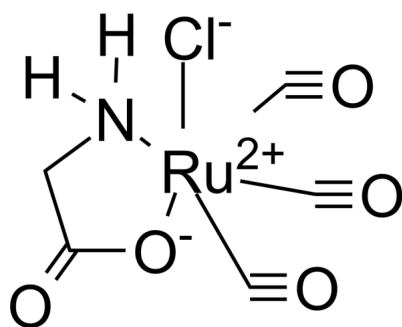


Data Sheet

Product Information

Catalog Number	BP15040
Product Name	CORM-3
Description	CORM-3 is a carbon monoxide-releasing molecule with anti-inflammatory and cardioprotective activity.
In vitro	CORM-3 protects against hypoxia-reoxygenation and oxidative stress by promoting CO release in cardiac cells. CORM-3 attenuates the inflammatory response induced by LPS in RAW264.7 murine macrophages. CORM-3 also uncouples mitochondrial respiration via interaction with the phosphate carrier.
In vivo	CORM-3 (40 mg/kg i.p.) prolongs the survival of murine cardiac grafts and attenuates organ rejection in CBA mice transplanted with BALB/c hearts. CORM-3 (20 mg/kg i.p.) decreases cellular infiltration, joint inflammation and destruction in a collagen-induced arthritis mouse model.
Synonyms	CORM3, CORM 3
CAS No.	475473-26-8
Chemical Formula	C ₅ H ₄ ClNO ₅ Ru
Molecular Weight	294.61
Solubility	DMSO: 129 mM
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year

Chemical Structure
OR
Tested Image



Purdue Bioscience Inc.

750 50th St, Brooklyn, NY 11220, USA

<https://www.purduebio.com>

1-877.618.7311

info@purduebio.com

v2 Revision on 12/28/2022