Levosimendan is a calcium sensitizer that stabilizes troponin C, activates ATP-sensitive K+ channels, and inhibits phosphodiesterases (PDEs). Levosimendan is clinically used to treat heart failure, as it improves cardiac performance and myocardial contractility without increasing oxygen consumption or decreasing preload or afterload. Levosimendan exhibits vasodilatory and cardioprotective activities, improving left ventricular function in animal models of myocardial ischemia/reperfusion.

References


Caution: This product is intended for laboratory and research use only. It is not for human or drug use.