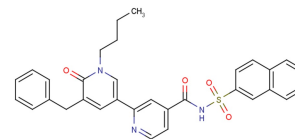


Catalog Number: CM13567

## 产品信息

Catalog Number:  
CM13567CAS号:  
2139330-34-8分子式:  
 $C_{32}H_{29}N_3O_4S$ 主要靶点:  
Calcium Channel主要通路:  
离子通道|代谢分子量:  
551.66溶解度:  
DMSO:60 mg/mL (108.76 mM)

## 体外活性

SERCA2a activator 1 activates the  $Ca^{2+}$ -dependent ATPase activity of cardiac sarcoplasmic reticulum vesicles but not that of skeletal muscle SR vesicles that lack phospholamban. SERCA2a activator 1 also increases the  $Ca^{2+}$  transients and contraction and relaxation of isolated adult rat cardiomyocytes. The surface plasmon resonance assay reveals a direct interaction between SERCA2a activator 1 and PLN, suggesting that the binding of SERCA2a activator 1 to PLN attenuates its inhibition of SERCA2a, resulting in SERCA2a activation [1].

## 体内活性

SERCA2a activator 1 (30mg/kg; intravenous injection; male Wistar rats) treatment obviously increases the diastolic function in anesthetized normal rats [1].

## 储存

Powder: -20°C for 3 years | In solvent: -80°C for 1 year | Shipping with blue ice.