

## Nicorandil

Catalog No: #S0075

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Nicorandil
Brief Description	Inhibitors
Purification	99.44%
Target Name	Potassium Channel activator
Calculated MW	211.18
Formulation	C8H9N3O4
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Product Description

Research Area: Cardiovascular System  
SMILES: [O-][N+](=O)OCCNC(=O)C1=CN=CC=C1  
Pathways: Membrane transporter/Ion channel  
Receptor: Potassium Channel  
Boiling pt: 456.7°C  
Melting pt: 92°C  
Solubility: Ethanol: 42 mg/mL (198.89 mM); Water: 17 mg/mL (80.5 mM); DMSO: 42 mg/mL (198.89 mM)  
Appearance: White Cotton Powder  
Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several month.

## References

1. Kandabashi T, et al. Circulation. 2000 Mar 21;101(11):1319-23.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.