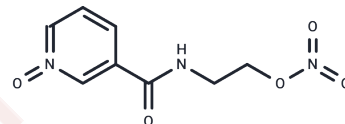


Nicorandil N-oxide

Chemical Properties

CAS No. :	107833-98-7
Formula:	C ₈ H ₉ N ₃ O ₅
Molecular Weight:	227.17
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Nicorandil N-oxide, a metabolite of nicorandil, functions as an activator of the ATP-sensitive potassium channel Kir6.2 (SUR2B/Kir6.2) and is associated with the sulfonylurea receptor 2B (SUR2B), while also serving as a nitric oxide donor.
Targets(IC50)	Others, Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.402 mL	22.0099 mL	44.0199 mL
5 mM	0.8804 mL	4.402 mL	8.804 mL
10 mM	0.4402 mL	2.201 mL	4.402 mL
50 mM	0.088 mL	0.4402 mL	0.8804 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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