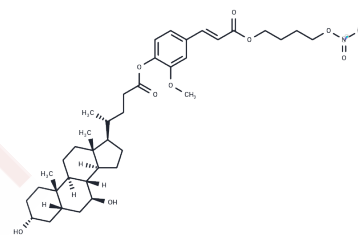


NCX 1000

Chemical Properties

CAS No. : 401519-96-8
 Formula: C₃₈H₅₅NO₁₀
 Molecular Weight: 685.84
 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	NCX 1000, a liver-specific NO donor compound, is derived from ursodeoxycholic acid (UDCA).
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4581 mL	7.2903 mL	14.5807 mL
5 mM	0.2916 mL	1.4581 mL	2.9161 mL
10 mM	0.1458 mL	0.729 mL	1.4581 mL
50 mM	0.0292 mL	0.1458 mL	0.2916 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.

Reference

Fiorucci S, et al. NCX-1000, a NO-releasing derivative of ursodeoxycholic acid, selectively delivers NO to the liver and protects against development of portal hypertension. Proc Natl Acad Sci U S A. 2001 Jul 17;98(15):8897-902. Epub 2001 Jul 10.

Fiorucci S, et al. NCX-1000, a nitric oxide-releasing derivative of ursodeoxycholic acid, ameliorates portal hypertension and lowers norepinephrine-induced intrahepatic resistance in the isolated and perfused rat liver. J Hepatol. 2003 Dec;39(6):932-9.

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