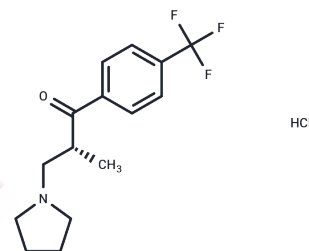


Lanperisone HCl

Chemical Properties

CAS No. :	116287-13-9
Formula:	C ₁₅ H ₁₉ ClF ₃ NO
Molecular Weight:	321.77
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	Lanperisone HCl (NK 433) is a novel orally available centrally acting muscle relaxant with anticancer activity and inhibits mono- and polysynaptic reflex potentials. Lanperisone HCl acts by inducing non-apoptotic cell death in the cell cycle and translational independence.
Targets(IC50)	Apoptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1078 mL	15.539 mL	31.0781 mL
5 mM	0.6216 mL	3.1078 mL	6.2156 mL
10 mM	0.3108 mL	1.5539 mL	3.1078 mL
50 mM	0.0622 mL	0.3108 mL	0.6216 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

Tian X, et al. Progress of Ferroptosis in Ischemic Stroke and Therapeutic Targets. Cell Mol Neurobiol. 2024 Feb 23; 44(1):25.

Sun S, et al. Targeting ferroptosis opens new avenues for the development of novel therapeutics. Signal Transduct Target Ther. 2023 Sep 21;8(1):372.

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