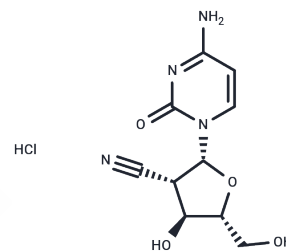


CNDAC hydrochloride

Chemical Properties

CAS No. :	134665-72-8
Formula:	C ₁₀ H ₁₃ ClN ₄ O ₄
Molecular Weight:	288.69
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	CNDAC hydrochloride, a nucleoside analog, is a metabolite of the sapacitabine.
Targets(IC50)	Apoptosis,Nucleoside Antimetabolite/Analog,DNA/RNA Synthesis,Drug Metabolite

Solubility Information

Solubility	DMSO: 123 mg/mL (426.06 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4639 mL	17.3196 mL	34.6392 mL
5 mM	0.6928 mL	3.4639 mL	6.9278 mL
10 mM	0.3464 mL	1.732 mL	3.4639 mL
50 mM	0.0693 mL	0.3464 mL	0.6928 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

Liu XJ, et al. Sapacitabine, the prodrug of CNDAC, is a nucleoside analog with a unique action mechanism of inducing DNA strand breaks. Chin J Cancer. 2012 Aug;31(8):373-80.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481