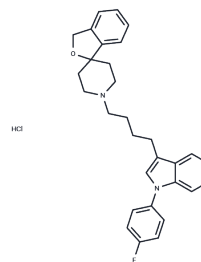


Siramesine hydrochloride

Chemical Properties

CAS No. :	224177-60-0
Formula:	C30H32ClFN2O
Molecular Weight:	491.04
Appearance:	no data available
Storage:	keep away from moisture
	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Siramesine hydrochloride (Lu 28-179 hydrochloride) is a selective sigma-2 receptor agonist, which has been shown to trigger cell death of Y cells and to exhibit a potent anticancer activity in vivo.
Targets(IC50)	Ferroptosis, Lysosomal Autophagy, Sigma receptor

Solubility Information

Solubility	DMSO: 27.5 mg/mL (56 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0365 mL	10.1825 mL	20.3649 mL
5 mM	0.4073 mL	2.0365 mL	4.073 mL
10 mM	0.2036 mL	1.0182 mL	2.0365 mL
50 mM	0.0407 mL	0.2036 mL	0.4073 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.

Reference

Cesen MH, et al. Cell Death Dis. 2013 Oct 3;4:e818.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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