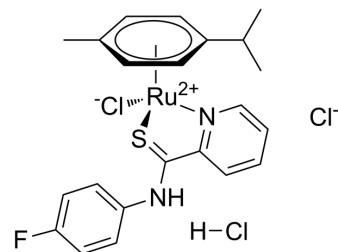


Plecstatin-1 hydrochloride

Cat. No.: HY-156675A
Molecular Formula: C₂₂H₂₄Cl₃FN₂RuS
Molecular Weight: 574.93
Target: Others
Pathway: Others
Storage: -20°C, sealed storage, away from moisture
 * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 250 mg/mL (434.84 mM; Need ultrasonic)
 Methanol : 62.5 mg/mL (108.71 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		Concentration	1 mg	5 mg	10 mg
	1 mM		1.7393 mL	8.6967 mL	17.3934 mL
	5 mM		0.3479 mL	1.7393 mL	3.4787 mL
	10 mM		0.1739 mL	0.8697 mL	1.7393 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Plecstatin-1 hydrochloride is an anticancer agent containing organoeuropium. Plecstatin-1 hydrochloride selectively targets plectin, a scaffolding protein and cellular connector, in tumor spheroids^[1].

REFERENCES

[1]. Debora Wernitznig, et al. Plecstatin-1 induces an immunogenic cell death signature in colorectal tumour spheroids. *Metallomics*. 2020 Dec 23;12(12):2121-2133.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA