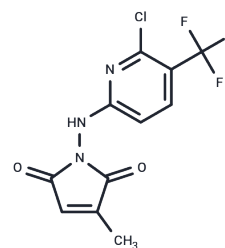


CW0134

Chemical Properties

CAS No. : 1076235-18-1
 Formula: C₁₁H₇ClF₃N₃O₂
 Molecular Weight: 305.64
 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	CW0134 (Compound 12) serves as a modulator for exportin1 (XPO1), disrupting chromatin binding and inhibiting NFAT transcription factors and T cell activation [1].
Targets(IC50)	CRM1
In vitro	CW0134, at concentrations ranging from 10 nM to 10 μM, inhibits the expression of IL-2 in Jurkat cells over 6 hours and reduces cell viability of Jurkat cells after 24 hours [1]. Cell Viability Assay [1] Cell Line: Jurkat Concentration: 10 nM-10 μM Incubation Time: 24 h Result: Inhibited cell viability of Jurkats.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2718 mL	16.3591 mL	32.7182 mL
5 mM	0.6544 mL	3.2718 mL	6.5436 mL
10 mM	0.3272 mL	1.6359 mL	3.2718 mL
50 mM	0.0654 mL	0.3272 mL	0.6544 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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