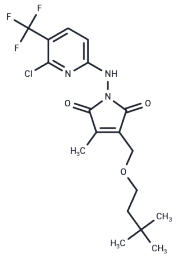
Data Sheet (Cat.No.T14885)

TargetMol

CBS9106

Chemical Properties



CAS No. : 1076235-04-5

Formula: C18H21ClF3N3O3

Molecular Weight: 419.83

Storage: Store at low temperature,Keep away from direct sunlight
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	CBS9106 (SL-801) is a reversible oral CRM1 inhibitor with CRM1 degrading and antitumor activity.CBS9106 inhibits CRM1-dependent nuclear export and reduces CRM1 protein levels.CBS9106 inhibits tumor growth and prolongs the survival of mice bearing tumor xenografts.CBS9106 is an inhibitor of CRM1-dependent nuclear export and reduces CRM1 protein levels.
Targets(IC50)	Apoptosis,CRM1
In vitro	MLN4924 also attenuated the nuclear accumulation of Ran-binding protein 1 (RanBP1) induced by CBS9106, as well as cell growth inhibition and apoptosis[1].
In vivo	Oral administration of CBS9106 significantly inhibited tumor growth and prolonged the survival time of mice bearing tumor xenografts without significantly reducing body weight [2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3819 mL	11.9096 mL	23.8192 mL
5 mM	0.4764 mL	2.3819 mL	4.7638 mL
10 mM	0.2382 mL	1.191 mL	2.3819 mL
50 mM	0.0476 mL	0.2382 mL	0.4764 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

Saito N,et al. CBS9106-induced CRM1 degradation is mediated by cullin ring ligase activity and the neddylation pathway. Mol Cancer Ther. 2014 Dec;13(12):3013-23.

Sakakibara K, et al. CBS9106 is a novel reversible oral CRM1 inhibitor with CRM1 degrading activity. Blood. 2011 Oct 6;118(14):3922-31.

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